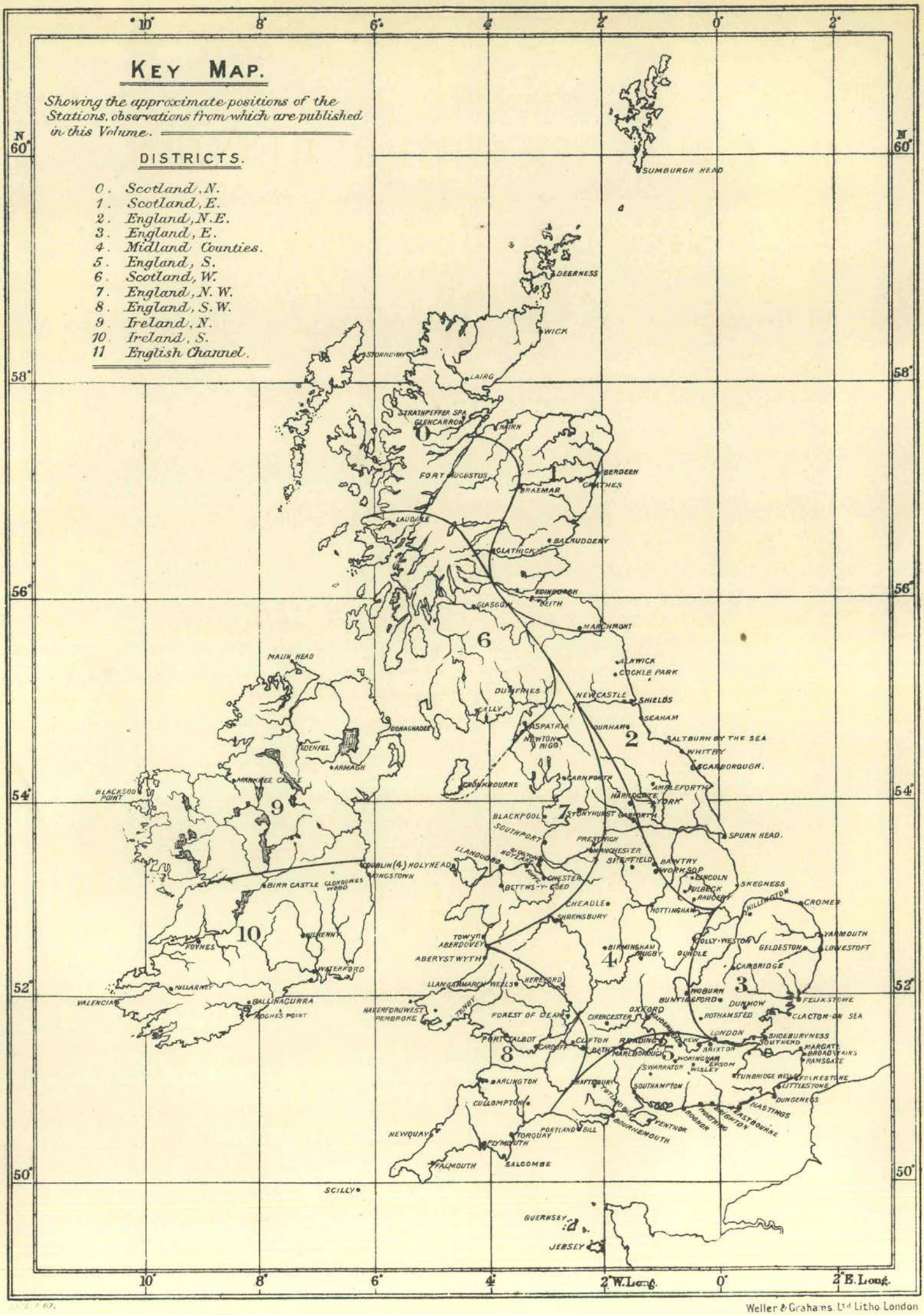
1906



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THE

WEEKLY WEATHER REPORT

OF THE

METEOROLOGICAL OFFICE

FOR THE YEAR

1906

(VOL. XXIII.—NEW SERIES)

CONTAINING

SYNOPTIC CHARTS,

AND

DESCRIPTIVE SUMMARIES OF THE WEATHER FOR EACH DAY;

ALSO

TABULAR SUMMARIES OF TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE, FOR EACH WEEK,

WITH MONTHLY AND ANNUAL SUPPLEMENTS, THREE APPENDICES AND FRONTISPIECE MAP.

Published by the Authority of the Meteorological Committee.

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1907.

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c. Rain-Days,

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Accumulated Temperature above 42° F.,

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PREFACE.

A number of changes were made in the form of the Report at the commencement of the year.

The general remarks, formerly printed at the foot of the first page of each Report, are printed at the head of the page, and the table of district values on the front page has been extended so as to include cumulative values for the season as well as for the year.

The weekly values for stations are published on the second page of each Report as heretofore, but in some districts the stations have been rearranged so as to facilitate the calculation of values for sub-districts which can be combined to agree approximately with the divisions of the country adopted by the Board of Agriculture and Fisheries. No changes have been made in the daily charts published in each issue of the Report.

A summary of the observations in the upper air made at various kite and balloon stations in connexion with the Office is included on the last page of each Report.

In the Report for the week ended May 5th, 1906, and in all subsequent issues, space is found in the table of station values on the second page for the additional values of bright sunshine hitherto published in a special table on the last page, and the place of the latter is taken by a table giving information as to minimum temperature on the grass and temperature in the ground at selected stations.

The Monthly and Annual Summaries contain results of the observations made at 155 to 157 stations in the British Islands.

Appendices I. and II. are published, as hitherto—the former with some slight modification since 1891.

Appendix III., which is published every five years, is also included in this Volume. It forms a continuation of the similar table of averages published as Appendix III. to the Report for 1901.

DISTRICTS AND STATIONS.

For the purposes of this Report the United Kingdom is divided into twelve Districts, which are shown on the frontispiece map, distinguished by the numbers 0 to 11. The positions of the stations supplying information are marked on the map by black dots, and their names are given in the following list, arranged under the districts to which they belong :—

District.	County.	Station.
0. SCOTLAND, N.	Caithness	Wick.
	Cromarty	Strathpeffer Spa.
	Inverness	Fort Augustus.
	"	Fort William.
	Orkney	Deerness.
	Ross	Glencarron.
	"	Stornoway.
	Shetlands	Sumburgh Head.
	Sutherland	Lairg.
1. SCOTLAND, E.	Aberdeen	Aberdeen.
	"	Balmoral.
	Berwick	Marchmont.
	Edinburgh	Edinburgh.
	"	Leith.
	Forfar	Balruddery.
	Kincardine	Crathes.
	Nairn	Nairn.
	Perth	Clathick.
2. ENGLAND, N.E.	Durham	Durham.
	"	Seaham.
	Lincoln	Lincoln.
	"	Fulbeck.
	"	Rauceby.
	"	Skegness.
	Northumberland	Alnwick Castle.
	"	Cockle Park.
	"	Shields.
	"	Newcastle-on-Tyne.
	York	Ampleforth.
	"	Saltburn-by-the-Sea.
	"	Scarborough.
	"	Spurn Head.
	"	Whitby.
	"	York.
3. ENGLAND, E.	Cambridge	Cambridge.
	Essex	Clacton-on-Sea.
	"	Dunmow.
	"	Southend-on-Sea.
	"	Shoeburyness.
	Hertford	Buntingford.
	"	Rothamsted.
	Norfolk	Cromer.
	"	Geldeston.
	"	Hillington.
	"	Yarmouth.
	Suffolk	Felixstowe.
	"	Lowestoft.
4. MIDLAND COUNTIES.	Bedford	Woburn.
	Gloucester	Cirencester.
	Hereford	Hereford.
	Shropshire	Shrewsbury.
4. MIDLAND COUNTIES—*cont.*	Northampton	Colly Weston.
	"	Oundle.
	Nottingham	Bawtry.
	"	Nottingham.
	"	Worksop.
	Oxford	Oxford.
	Stafford	Cheadle.
	Warwick	Birmingham.
	"	Rugby.
	York	Garforth.
	"	Harrogate.
	"	Sheffield.
5. ENGLAND, S.	Berkshire	Maidenhead.
	"	Reading.
	"	Wokingham.
	Dorset	Portland Bill.
	"	Shaftesbury.
	Hampshire	Bournemouth.
	"	Southampton.
	"	Swarraton.
	"	Totland Bay.
	"	Ventnor Hospital.
	Kent	Broadstairs.
	"	Dungeness.
	"	Folkestone.
	"	Littlestone-on-Sea.
	"	Margate.
	"	Tunbridge Wells.
	"	Ramsgate.
	London	City.
	"	Westminster.
	Surrey	Epsom.
	"	Kew.
	"	London (Brixton).
	"	Wisley.
	Sussex	Bognor.
	"	Brighton.
	"	Eastbourne.
	"	St. Leonards.
	"	Worthing.
	"	Westbourne.
	Wiltshire	Marlborough.
6. SCOTLAND, W., and ISLE OF MAN.	Argyle	Laudale.
	"	Oban.
	Cumberland	Aspatria.
	Isle of Man	Cronkbourne.
	Kirkcudbright	Cally.
	Dumfries	Dumfries.
	Lanark	Glasgow.

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District.	County.	Station.
7. ENGLAND, N.W., AND N. WALES.	Cheshire	Chester (Hawarden Bridge).
	"	Hoylake.
	"	Liverpool (Bidston).
	Cumberland	Newton Rigg.
	Lancashire	Blackpool.
	"	Carnforth.
	"	Manchester (Oldham Rd.).
	"	" (Whitworth Park).
	"	" (Prestwich).
	"	Southport.
	"	Stonyhurst.
	Anglesey	Holyhead.
	Carnarvon	Bettws-y-Coed.
	"	Llandudno.
	Flint	Rhyl.
	Merioneth	Aberdovey.
	"	Towyn.
8. ENGLAND, S.W., AND S. WALES.	Brecknock	Llangammarch Wells.
	Cardigan	Aberystwyth.
	Glamorgan	Cardiff.
	"	Port Talbot.
	Pembroke	Haverfordwest.
	"	Pembroke.
	"	Tenby.
	Cornwall	Falmouth.
	"	Newquay.
	Devon	Arlington.
	"	Cullompton.
	"	Plymouth.
	"	Salcombe.
	"	Torquay.
	Gloucester	Clifton.
	"	Forest of Dean :— Ruardean, 900 ft. Whitemead, 200 ft.
	Somerset	Bath.

District.	County.	Station.
9. IRELAND, N.	Armagh	Armagh.
	Donegal	Malin Head.
	Down	Donaghadee.
	Mayo	Blacksod Point.
	Sligo	Markree Castle.
	Tyrone	Edenfel.
10. IRELAND, S.	Cork	Ballinacurra.
	"	Roche's Point.
	Dublin	Dublin (City).
	"	" (Phœnix Pk.).
	"	" (Glasnevin).
	"	" (Trin. Coll.).
	"	Kingstown.
	Kerry	Killarney.
	"	Valencia.
	Kildare	Clongowes Wood College.
	Kilkenny	Kilkenny Castle.
	Kings County	Birr Castle.
	Limerick	Foynes.
	Waterford	Waterford.
11. ENGLISH CHANNEL.	Channel Islands	Guernsey (Villa Carey).
	"	" (Fort Road).
	"	Jersey (St. Aubin's).
	"	" (St. Heliers).
	Scilly Islands	Scilly (St. Mary's).

The list for 1906 differs from that for 1905 by the omission of five stations and the addition of six stations, thus :—

District.	County.	Station.	——
Omissions.			
1. SCOTLAND, E.	Aberdeen	Braemar	Observations discontinued.
4. MIDLAND COUNTIES	Hereford	Wessington Court	" "
	Leicester	Thurcaston	" "
5. ENGLAND, S.	Surrey	Brixton	" "
10. IRELAND, S.	Wicklow	Newcastle	" "
Additions.			
0. SCOTLAND, N.	Inverness	Fort William	Renewed.
1. SCOTLAND, E.	Aberdeen	Balmoral	In place of Braemar.
3. ENGLAND, E.	Essex	Southend-on-Sea	Monthly results and Weekly Sunshine.
5. ENGLAND, S.	Surrey	Kew	In place of Brixton.
	Sussex	Westbourne	Monthly results only (renewed).
6. SCOTLAND, W., and ISLE OF MAN.	Argyle	Oban	Weekly and monthly sunshine.

WEEKLY REPORT.

The general arrangement of the weekly issues of the Report is as follows :—

I. General Remarks, and Weekly, Seasonal, and Annual Summaries, arranged under *Districts*.
II. Weekly Summary arranged under *Stations*.
III. Daily Charts.
IV. Temperature on the Grass and in the Ground.
V. Observations in the Upper Air.

The information given under each of these heads may be summarised as follows :—

I. *General Remarks* on the weather for the week. *Weekly Summary* for *Districts*.—The Tabular Summary on the first page of each Report gives for the week and for each District :—

Temperature.—The highest and lowest observed, the mean maximum, the mean minimum, the mean temperature, and its difference from the average for the corresponding period as derived from observations extending over the 35 years 1871–1905. The values for "accumulated temperature" above 42° F. and below 42° F. for the week and for the periods from the beginning of the season and of the year, and the differences from the average values for the corresponding periods as derived from observations extending over the 25 years 1881–1905.

Rainfall.—The total fall and the number of rain-days for the week, and for the part of the season and year to date, together with the differences from average for the corresponding periods based on observations from 1871–1905.

Bright Sunshine.—The number of hours of sunshine recorded, and the percentage ratio of that time to the whole time during which the sun was above the horizon : also the progressive values reckoned from the commencement of the season and of the year, together with the differences between these values and the averages for the corresponding periods in the 25 years 1881 to 1905.

II. *Weekly Summary* for *Stations*.—This appears on the second page in each weekly issue and contains the data used in the preparation of the Summaries on the first page, the values being set out for each Station. The information given is in nearly the same form as that presented for each District in I., but cumulative values for the season and the year are not given for stations.

III. *Daily Charts*.—These are three in number for each day, and they show the distribution of pressure and wind over the whole of Europe at 8 a.m. and 6 p.m., and the temperature, weather, and sea disturbance at 8 a.m. each day. The maps are accompanied by a brief account of the weather conditions for the day, and the changes that had taken place since the previous day.

IV. *Temperature on the Grass and in the Ground*.—For selected stations the number of occasions during the week on which the temperature on the grass fell to 30° or below this limit, and the minimum temperature ; the mean temperature in the ground at depths of 1 foot and 4 feet. This Table was given for the first time in the Report (No. 18) for the week ended May 5th.

V. *Observations in the Upper Air*.—Temperature, humidity, and wind direction and velocity at various levels, determined from experiments with kites or balloons.

The following Rules are observed in compiling the Tables and preparing the Daily Charts :—

(1.) Daily Mean Temperature.

The daily Mean Temperature shown in the Tables in the *Weekly* Reports is calculated from the mean between the daily maxima and minima, due regard being had for the varying relation found to subsist, from month to month, between the true mean temperature of the day derived from 24 hourly observations, and the means of the daily maxima and minima for a series of years, as recorded at Greenwich and at the self-registering Observatories of the Meteorological Committee.

The approximate Mean Temperature for any week is found by multiplying the *difference* between the means of the seven observed maxima and minima by the proper coefficient for the month (shown in the following Table), and adding the product to the mean of the minima :—

Months.	Coefficient.
January. December.	0·520
February. November.	0·500
March. October.	0·485
April. September.	0·478
May. August.	0·470
June. July.	0·465

Example :

The mean maximum temperature for a week in December being - - 48°·1
The mean minimum - - - - - - - - - - - - - - 39°·3
The difference is- - - - - - - - - - - - - - - 8°·8

This difference 8·8 × ·520 (the coefficient for December) = 4·6.

This value when added to the mean minimum (39·3) gives 43°·9, the required mean temperature of the week.

(2.) Accumulated Temperature.

The Tables of Accumulated Temperature are designed to give persons engaged in agriculture better means of estimating the manner in which vegetation is affected by temperature than that afforded by the more usual methods of treating the readings of the thermometer. They show the combined amount and duration of the excess or defect of the air temperature, above or below a suitably fixed standard, or *base temperature*. For *Districts*, cumulative values for the whole period since the commencement of the season and the year are published in addition to the values for each week. The base temperature adopted is 42° F., as being nearly equivalent to 6° C. This has been considered by Continental writers on these subjects to be the critical value, the temperature above which is mainly effectual in starting and maintaining the growth, and in completing the ripening, of agricultural crops in a European climate. This base is also convenient as being 10° F. above the freezing point on the Fahrenheit scale.

The Accumulated Temperature is expressed in "Day-degrees,"—a Day-degree signifying 1° F. of excess or defect of temperature above or below 42° F. continued for 24 hours, or any other number of degrees for an inversely proportional number of hours.

When the temperature during any period remains either wholly above or below the base temperature, the difference between the base and the mean temperature of the day gives the correct accumulated temperature. In other cases this difference gives only an approximate value for the accumulated temperature, not departing greatly from the truth—the deviation depending on the greater or less extent of the variations of the temperature above or below the base. Further, since the mean between the maximum and minimum of any day is nearly equal to the mean temperature of the day, the difference of the mean of the maximum and minimum from the base will also give, directly, an approximation to the accumulated temperature for the day.

The following rules, however, supply a still closer approximation to the true values sought, and they have been adopted for the preparation of the Tables in this Report. They may be applied to any other base temperature as well as to 42° F., with the slight modification of the numerical coefficients mentioned below.

RULES for computing, for a WEEKLY PERIOD, from the observed MAXIMA and MINIMA, the ACCUMULATED TEMPERATURE above or below 42° F.

1. Obtain the mean temperature, from the means of the seven observed maxima and minima, in the manner already described for daily values.

2. In obtaining the accumulated temperature four cases may occur, to which the following rules will apply :—

Conditions of Temperature.	To obtain the daily Accumulated Temperature.	
	Above 42° F.	Below 42° F.
If the minimum is *above* 42° F. or *equal* to 42° F. -	Subtract 42° F. from the mean.	There is none.
If the minimum is *below* 42° F., but the mean for the day is *above* 42° F.	From the difference between the mean for the day and the minimum deduct the accumulated temperature below 42° F., calculated as stated in the next column.	The required quantity is the excess of 42° F. over the minimum, multiplied by the co-efficient 0·4.
If the mean for the day is *below* 42° F., but the maximum is *above* 42° F.	The required quantity is the excess of the maximum over 42° F., multiplied by the co-efficient 0·4.	From the difference between the mean for the day and the minimum deduct the accumulated temperature above 42° F., calculated as stated in the preceding column.
If the maximum is *below* 42° F. or *equal* to 42° F. -	There is none.	Subtract the mean from 42° F.

In each of the above cases the result will be the *average daily* value, and must be multiplied by 7 in order to obtain the value for the whole week.

The coefficient varies with the duration of the period, and also with the base temperature.

The coefficient given above, in cases 2 and 3, is for a weekly period, and for the base temperature 42° F. The following are its values for other base temperatures,—for 32° F., 0·4 ; for 52° F., 0·33 ; for 62° F., 0·25.

A full explanation of the principles on which these rules are based will be found in Appendix II. to the Quarterly Weather Report for 1878.

(3.) DAILY CHARTS.

In the two right-hand Charts the height of the barometer is expressed by isobars, the pressure corresponding to each line being given in inches and tenths. The winds are shown by arrows, which are drawn flying *with the wind*, the force is indicated thus : ⟹ = a heavy gale ; ⟶ = a gale ; → = a fresh to strong breeze ; ⟶ = a light to moderate breeze ; and ⊙ = a calm. In the left-hand Chart the weather is indicated as follows :—b = blue sky ; c = detached clouds ; o = overcast ; m = misty (hazy) ; f = foggy ; q = squally ; r = rain ; h = hail ; s = snow ; l = lightning, and t = thunder. The general distribution of temperature is shown by isotherms, and the readings at selected stations are given in degrees Fahrenheit. Diagonal lines indicate rough sea, the shading being proportional to the disturbance.

N.B.—The Charts for 8 a.m. are prepared from observations made at 8 a.m. in the British Islands and Spain ; at 7 a.m. in Belgium, Holland, Germany, Denmark, Norway, and Sweden ; at 6.51 a.m. in France and Algeria ; at 6 a.m. in Italy and Austria ; at 5.25 a.m. in Greece ; at 4.59 a.m. in Russia ; and at 8.36 a.m. in Portugal.

The Chart for 6 p.m. is prepared from observations taken at 6 p.m. in the British Islands and Spain ; 4 p.m. in Portugal ; 5.25 p.m. in Greece ; 5.51 p.m. in France ; 6.51 p.m. in Algeria ; 6.59 p.m. in Russia ; 7 p.m. in Germany, Holland, Denmark, Norway, and Sweden ; and 8 p.m. in Austria and Italy. The time indicated in each case is Greenwich time.

MONTHLY AND ANNUAL SUMMARIES.

The Summary for January, 1906, contained results for 155 stations, whilst that for December comprised returns from 157 stations. The 157 stations in December may be classified thus :—Yielding full returns 55 stations ; results for temperature, rainfall, and in some cases sunshine, 91 stations ; results for sunshine only 11 stations.

Each Monthly Summary includes :—

1. A Plate containing 4 charts, showing—
   - (1.) The Monthly Barometric pressure and Winds based on the 8 a.m. readings.
   - (2.) The Movements of Depressions.
   - (3.) The Distribution of Mean Temperature, and
   - (4.) The Monthly Rainfall.
2. Remarks on the Weather over the British Islands.
3. Table of results for the month from 55 stations giving full returns.
4. Table of results for the month, as far as available, of the observations of Temperature, Rainfall, and Sunshine, at the remainder of the stations (102 in number in December).

The Annual Summary gives corresponding data for the whole year.

APPENDICES.

Appendix I.—This contains for each of the twelve *Districts* :—

1. Summaries for each Quarter and for the Year, of the Temperature and Rainfall records, with similar information for the past years of the period of 40 years, 1866–1905.

2. Tables giving for 1906, *for periods of* 4 *weeks and* 5 *weeks*, the progressive numbers of—

   Rain-Days.
   Rainfall.
   Accumulated Temperature above 42° F.
   Accumulated Temperature below 42° F.
   Bright Sunshine,—Duration, and
   Bright Sunshine,—Percentage.

Appendix II.—This contains for each of the eleven *Districts* and for the English Channel :—

Tables giving for 1906 the *weekly* and *progressive* values of—

Rain-Days.
Rainfall.
Accumulated Temperature above 42° F.
Accumulated Temperature below 42° F.
Bright Sunshine,—Duration, and
Bright Sunshine,—Percentage.

Appendix III.—This contains average values for certain elements for each month and for the whole year for selected stations included in the Weekly Weather Report and for a few additional stations from which returns are included in other publications prepared in the Meteorological Office. The elements dealt with and the periods to which the averages refer are as follows :—

Mean Maximum Temperature, 1871–1905.
Mean Minimum Temperature „
Mean Temperature „
Rainfall, amount in inches „
Number of Days with Rain „
Number of Hours of Bright Sunshine, 1881–1905.
Percentage of Possible Duration of Bright Sunshine, 1881–1905.

Tables showing for each degree of Latitude from 49° *N. to* 58° *N., and for each Weekly and Four-Weekly or Five-Weekly period, the total numbers of hours during which the Sun is above the Horizon, together with their Reciprocals, are given in the Preface to The Weekly Weather Report for* 1884, *while similar information for the Calendar Months is given in the Preface to The Monthly Weather Report for* 1884.

THE following is a LIST of the VOLUNTEER OBSERVERS to whom the Committee are indebted for observations contributed to the WEEKLY WEATHER REPORT and published either in the Weekly Issues or in the Monthly Summaries during 1906, together with the NAMES and ALTITUDES of their STATIONS :—

Names of Stations.	Altitude above Mean Sea Level.	Names of Observers.
	Feet.	
Aberdovey	—	Capt. J. Edwards., R. Griffith, and W. Eves.
Aberystwyth	—	Dr. A. Thomas, for the District Council.
Alnwick Castle	210	Robert Kyle, for the Duke of Northumberland, K.G.
Ampleforth	349	Rev. J. B. MacLaughlin, B.A., O.S.B.
Arlington (N. Devon)	613	Lady Chichester.
Armagh	196	J. L. E. Dreyer, Ph.D., and Staff of Observatory.
Aspatria	250	J. Smith Hill, B.A., B.Sc.
Ballinacurra	28	John H. Bennett.
§ Balmoral	927	J. M. Troup.
Balruddery	280	G. Davie, for J. White.
Bawtry (Hesley Hall).	65	B. I. Whitaker, J.P., F. R. Met. Soc.
Bath	66	W. H. Symons, M.D., for the Corporation.
Bettws-y-Coed	101	D. Macdonogh, M.D., and Hugh W. Fox, M.D.
Birmingham (Edgbaston).	534	Alfred Cresswell, for the Midland Institute.
ℳ Blackpool	62	F. J. H. Coutts, M.D., for the Corporation.
Bognor	14	H. C. L. Morris, M.D., and A. G. Thompson.
Bournemouth	—	C. Dales, for the Corporation.
Brighton	65	A. Newsholme, M.D., for the Corporation.
Broadstairs	—	W. H. White, for the District Council.
Buntingford	333	Dr. G. M. Smith.
§ Cally	46	W. Thomson, for H. G. Murray Stewart.
Cambridge	83	R. Irwin Lynch, for the Botanic Garden Syndicate.
Cardiff	—	E. Walford, M.D., for the Corporation.
Carnforth	174	W. Farrer.
ℳ Cheadle	646	J. C. Philips, J.P.
Chester (Hawarden Bridge).	22	F. B. Summers.
Cirencester	446	Prof. G. T. Locke, M.A., for the R. A. College.
Clacton-on-Sea	54	A. W. Shadick, for the Town Council.
§ Clathick	300	Alexander Hendry.
Clifton	230	D. Rintoul, M.A.
Clongowes Wood College.	237	Rev. W. P. Hackett, S.J.
Cockle Park, near Morpeth.	324	A. G. Birt, for Northumberland County Council.
Colly Weston	280	Miss Amy Tasker.
Crathes	145	J. Smith, F. R. Met. Soc.
Cromer	196	W. H. Archer, for the District Council.
Cronkbourne, Douglas.	137	A. W. Moore, M.A., C.V.O., J.P.
ℳ Cullompton	202	T. Turner, J.P., F. R. Met. Soc.
Deerness	160	M. Spence.
Douglas, Isle of Man	137	*See* Cronkbourne.
Dublin (City)	47	Sir John W. Moore, M.D., F. R. Met. Soc.
" (Glasnevin)	67	F. W. Moore, M.R.I.A.
" (Phœnix Park)	155	Col. Meeres, R.E., and Major R. U. H. Buckland, R.E.
" (Trinity College).	—	Arthur R. Moore and Maurice S. Moore,
Dumfries	60	Rev. W. Andson.
Dunmow	297	Thomas Hacking, A.Sc., for the Countess of Warwick's Agricultural School.
Durham	336	Prof. R. A. Sampson, M.A., F.R.S.
Eastbourne	39	R. Sheward and S. R. Henderson, for the Corporation.
Edenfel (Omagh)	300	Col. Buchanan, C.B., F. R. Met. Soc.
* Edinburgh	253	Regius Keeper, Botanic Gardens.
Epsom	160	S. C. Russell.
Felixstowe	76	F. Mills, for the Urban District Council.
Folkestone	—	A. E. Nichols, C.E., for the Corporation.
Forest of Dean	200	Phillip Bayliss.
Forest of Dean	900	" "
§ Fort Augustus	68	Rev. C. von Dieckhoff.
Fort William	175	W. T. Kilgour.
Foynes	108	W. H. Ward, for Lord Monteagle, K.P.
Fulbeck	185	Rev. Vere F. Willson, M.A.
Garforth	195	Prof. Seton, for the Yorkshire College, Leeds.
Geldeston	37	E. T. Dowson, F. R. Met. Soc.
Glasgow	180	Staff of Observatory.
§ Glencarron	489	D. D. Munro, for Lord Maclaren.
Guernsey (Villa Carey).	180	F. E. Carey, M.D., F. R. Met. Soc.
Guernsey (Fort Road).	295	A. Collenette, F. R. Met. Soc.
Harrogate	476	F. I. Dixon, A.M. Inst. C.E., for the Corporation.
Hastings (St. Leonards).	178	H. Colborne, M.R.C.S., for the Corporation.
* Haverfordwest	—	J. W. Phillips.
ℳ Hereford (Belmont).	291	Canon T. B. Harrington, O.S.B.
ℳ Hillington	88	Rev. H. E. B. Ffolkes, M.A., F. R. Met. Soc.
* Hoylake	30	Tom Robinson, for Urban District Council.
* Jersey (St Heliers)	—	Commanding Officer, Fort Regent.
Kew	18	C. Chree, Sc.D., F.R.S., Superintendent.
Kilkenny Castle	212	H. Carlton, for the Marquis of Ormonde, K.P.
Killarney	174	E. W. Griffin, M.D.
Kingstown	—	Dr. J. B. Power, for the Corporation.
§ Lairg	335	Rev. J. K. Maclean.
Laudale	14	J. A. Fletcher, for T. H. G. Newton, M.A.
Lincoln	65	S. R. Moss, for the Corporation.
Littlestone-on-Sea	—	H. T. Tubbs.
ℳ Llandudno	72	W. Little, for Town Council.
Llangammarch Wells.	550	W. Black Jones, M.D.
* London (Bunhill Row).	80	Messrs. De la Rue.
* London (Westminster).	—	J. H. Cowham.
Lowestoft	84	C. W. Edwards, F. R. Met. Soc., for the Corporation.
Maidenhead	99	G. H. Palmer.
Manchester (Oldham Road).	—	J. Niven, M.A., M.B., for the Corporation.
Manchester (Whitworth Pk.).	—	Prof. Schuster, Ph.D., F.R.S.
§ Marchmont	498	J. A. Wood, for Sir H. P. Campbell, Bt.
Margate	83	J. Stokes, J.P., F. R. Met. Soc.
Markree Castle	122	J. R. Armstrong, for the trustees of *the late* Col. Cooper, F.R.A.S.
Marlborough	424	J. C. Alsop and Meddows Taylor.
Newcastle-on-Tyne.	152	N. H. Martin, F.C.S., F.R.S.E.
Newquay	250 ?	C. C. Vigurs, B.A., M.D., for Urban Council.
Newton Rigg	559	W. T. Lawrence, for the Cumberland County Council.
Nottingham	82	J. Brown, A.M.I.C.E., City Engineer.
Oban	—	Rev. J. S. Begg.
Oundle	144	J. O. Morris and W. T. Kitching, for the Headmaster.
Oxford	202	A. A Rambaut, M.A., F.R.S.
Plymouth	116	H. Victor Prigg, A.M.I.C.E., for the Corporation.
Port Talbot	179	G. Lipscombe, for Miss Talbot.
Prestwich	320	T. R. H. Clunn, M.D., F. R. Met. Soc.
* Ramsgate	—	T. J. Taylor, C.E., for the Corporation.
Rauceby Hall	125	J. Hope, for General Sir M. Willson, K.C.B.
Reading	261	John Ridges, M.A.
Rothamsted	368	The Lawes Agricultural Trust.
Rhyl	30	A. A. Goodall, C.E., for District Council.
Rugby	379	O. M. Samson, M.A., for the Rugby Nat. Hist. Soc.
* Salcombe	—	W. Barrington Prowse, M.D.
Saltburn-by-the-Sea.	116	J. Allen Bennett, M.D., and Pearson Bros.
ℳ Scarborough	62	W. W. Larkin, for the Corporation.
Seaham	148	G. H. Aird.
ℳ Shaftesbury	722	Rev. F. Ehlvers.
Sheffield	429	E. Howarth, F.R.A.S.
Shoeburyness	18	Asst. Supt. of Experiments.
Shrewsbury	191	Capt. Manser, R.E.
Southampton	78	A. Vaughan, R.E., for Director General, Ordnance Survey.
Southend-on-Sea	100	E. J. Elford, C.E., for the Corporation.
Southport	37	J. Baxendell, F. R. Met. Soc.
Stonyhurst	375	Staff of Observatory.
Strathpeffer Spa	253	R. Fortescue Fox, M.D.
ℳ Swarraton	310	Rev. W. L. W. Eyre, M.A., F. R. Met. Soc.
* Tenby	79	R. J. Truscott, for the Corporation.
* Torquay	286	F. March, for the Corporation.
Totland Bay	84	J. Dover, M.A., F. R. Met. Soc.
ℳ Tunbridge Wells	419	F. G. Smart, M.A., M.B., F. R. Met. Soc.
Towyn	10	E. Lewys Lloyd, M.D.
Ventnor Hospital	80	C. Lewis, M.B., and Miss M. Gibson.
Waterford	100	J. N. White.
Whitby	88	T. Newbitt.
Wisley	150	The Superintendent, for the Roy. Hort. Society.
Woburn	291	H. M. Freear, F.C.S., for the Royal Agricultural Society.
Wokingham	219	Dr. Stevenson.
* Worksop	56	H. Mellish, J.P., F. R. Met. Soc.
* Worthing	38	The Corporation.
York (Museum)	56	Oxley Grabham, M.A., for the York Phil. Soc.
* York (Bootham)	106	H. Richardson, M.A.

Stations marked "ℳ" report through the Royal Meteorological Society ; those marked "§" through the Scottish Meteorological Society.

NOTE.—The heights given are, as far as possible, those of the ground on which the rain-gauge stands. [taken as those of the Sunshine Recorders above the Sea.
* Where a station is prefixed by a star it indicates that the information published in this Volume is for Sunshine only. In these cases the heights given may be

ERRATA IN THE MONTHLY SUMMARIES.

The following values should be substituted for those appearing in the Summaries as printed :—

NOTE.—Corrections to the Temperature values are not included in this list unless the mean as printed is altered by more than 0°·1.

February,	p. xv.	ℳ	Swarraton.—Temperature. Mean of maximum, 43°·2 ; mean of minimum and maximum combined, 36°·8 ; difference from average, —2°·0.
			Brighton.—Sunshine. 98·1 hrs. ; difference from average, + 21·7 hrs. ; percentage of possible duration, 36 ; difference from average, + 9.
April,	p. xxxii.	...	Newquay.—Sunshine. 249·6 ; difference from average, + 79·2 hrs. ; percentage of possible duration, 61 ; difference from average, + 20.
May,	p. xxxvi.	...	Laudale.—Temperature. Mean of maximum, 54°·3 ; mean of minimum and maximum combined, 48°·0 ; difference from average, —2°·3.
June,	p. xlvi.	...	London, Bunhill Row.—Sunshine. 213·4 hrs. ; difference from average, + 36·9 hrs. ; percentage of possible duration, 44 ; difference from average, + 8.
	p. xlvii.	ℳ	Swarraton.—Rainfall. Seven days ; total fall, 2·26 ins. ; difference from average, —0·01 in.
July,	p. liii.	...	Sumburgh Head.—Weather. Days of thunderstorm, 1. Spurn Head.—Weather. Days of thunderstorm, 4.
August,	p. lx.	...	Aberdeen.—Hygrometer. Vapour pressure, a.m., ·389.
	p. lxi.	...	Sumburgh Head.—Days of thunderstorm, 0.
	p. lxiv.	...	Salcombe.—Sunshine. 221·2 hrs.
October,	p. lxxix.	ℳ	Swarraton.—Rainfall. 24 days ; total fall, 6·35 ins. ; difference from average, + 2·78 ins.
November,	p. lxxxiv.	...	Bettws-y-Coed.—Temperature. Date of extreme minimum, 14th.
	p. lxxxv.	...	Stornoway.—Wind. Calm 3 ; direction for all points respectively, 3, 7, 7, 5, 3, 17, 12, 3.
	p. lxxxvii.	...	Blacksod Point.—Rainfall. Difference from average, —1·50 ins.
December,	p. xcii.	...	Westminster.—Temperature. Mean of minimum, 33°·4 ; mean of minimum and maximum combined, 37°·8 ; difference from average, —1°·9.
	p. lciv.	...	Ampleforth.—Rainfall. Date of greatest fall, 26th.

APPENDIX I. QUARTERLY SUMMARY, FOURTH QUARTER, OCTOBER TO DECEMBER.

Fifth line. For "Table I.—Summary of Rainfall and Mean Temperature for the Third Quarter," read "Table I.—Summary of Rainfall and Mean Temperature for the Fourth Quarter."

STATION VALUES—CORRECTIONS.

NOTE.—Slight corrections, *i.e.*, those less than 0°·5 in average Temperature or less than 5% of the amounts of Rainfall or Sunshine, are not included in this list. All corrections are incorporated in the results issued in the Monthly Summary.

VOL. XXIII. No. and Page.	NAMES OF STATIONS.	**Temperature** (in Degrees Fahrenheit).								**Rainfall.**			**Bright Sunshine.**			
		Highest observed.	Lowest observed.	Averages for the Week.			Difference of Daily Average from Mean for the Week.	Accumulated Heat for the Week (in Day-degrees).		Number of Days with rain.	Rainfall in the Week.	Difference from the mean for the Week.	No. of Hours recorded.	Difference from the Mean for the Week.	Percentage of possible duration.	Difference from the Mean for the Week.
				Of Highest each day.	Of Lowest each day.	For whole of each day.		Above 42° F.	Below 42° F.							
		°	°	°	°	°	°	Day-deg.	Day-deg.		Inches.	Inches.	Hrs.	Hrs.	%	%
No. 1. Page 2.	Stonyhurst	—	—	40·5	34·7	37·7	- 0·3	—	30	—	—	—	—	—	—	—
„ „ „ „	Llandudno	52	33	46·3	38·3	42·5	+ 0·8	19	10	—	—	—	—	—	—	—
„ „ „ „	Clifton	—	—	—	—	—	—	—	—	5	1·42	+ 0·72	—	—	—	—
„ „ „ „	Plymouth	—	38	—	45·5	48·2	+ 6·1	34	—	—	—	—	—	—	—	—
„ 2. „ 8	York	—	—	—	—	—	—	—	—	—	—	—	5·6	- 1·1	11	- 2
„ „ „ „	Swarraton	—	—	48·0	—	41·8	+ 4·1	17	31	—	—	—	—	—	—	—
„ „ „ „	Laudale	—	—	44·5	36·2	40·5	+ 0·3	7	—	—	—	—	—	—	—	—
„ „ „ „	Aspatria	—	—	—	—	—	—	—	—	—	—	—	4·2	—	8	—
„ „ „ „	Llandudno	—	39	—	40·3	44·3	+ 2·8	—	5	—	—	—	—	—	—	—
„ „ „ „	Shaftesbury	—	—	47·3	—	42·5	+ 4·9	23	—	—	—	—	—	—	—	—
„ 3. „ 14.	Scarborough	—	—	—	35·4	40·0	+ 1·4	—	26	—	—	—	—	—	—	—
„ „ „ „	Llandudno	—	36	—	38·4	42·6	+ 1·1	19	10	—	—	—	—	—	—	—
„ 4. „ 20.	York	—	—	—	38·4	42·3	+ 4·1	17	10	—	—	—	—	—	—	—
„ „ „ „	Fulbeck	—	—	—	32·6	39·1	+ 2·2	—	37	—	—	—	—	—	—	—
„ „ „ „	Swarraton	—	22	—	—	—	—	—	—	4	0·51	- 0·09	—	—	—	—
„ „ „ „	Llandudno	—	34	—	41·5	44·5	+ 3·0	20	1	—	—	—	—	—	—	—
„ 5. „ 26.	Newcastle	—	—	—	—	—	—	—	—	—	—	—	11·1	+ 2·0	19	+ 3
„ „ „ „	Scarborough	—	—	—	39·1	43·8	+ 4·8	25	8	—	—	—	—	—	—	—
„ „ „ „	Llandudno	—	39	—	42·7	45·3	+ 3·7	23	—	—	—	—	—	—	—	—
„ 6. „ 32.	Lairg	—	—	—	—	—	—	—	—	? 6	? 1·75	+ 1·01	—	—	—	—
„ „ „ „	Hawarden Bridge ..	51	—	44·4	—	38·4	- 2·3	7	—	—	—	—	—	—	—	—
„ 8. „ 44.	Lairg	51	—	—	—	—	—	—	—	—	—	—	—	—	—	—
„ „ „ „	Swarraton	—	—	42·6	—	36·1	- 3·2	2	45	—	—	—	—	—	—	—
„ 9. „ 50.	Hastings	—	—	46·9	—	42·0	+ 0·8	14	—	—	—	—	—	—	—	—
„ „ „ „	Douglas	49	—	46·1	—	40·3	- 1·0	11	30	—	—	—	—	—	—	—
„ 10. „ 56.	Wick	—	—	—	—	—	—	—	—	—	0·37	- 0·13	—	—	—	—
„ „ „ „	Scarborough	—	—	—	39·3	45·4	+ 4·8	35	8	—	—	—	—	—	—	—
„ „ „ „	Hillington	—	—	—	37·2	46·0	+ 5·6	48	13	—	—	—	—	—	—	—
„ „ „ „	Douglas	—	—	—	—	—	—	—	—	5	0·60	- 0·08	—	—	—	—
„ „ „ „	Plymouth	57	—	51·5	—	46·9	+ 3·2	34	—	—	—	—	—	—	—	—
„ 11. „ 62.	Scarborough	—	—	47·9	33·0	40·2	- 0·8	17	34	—	—	—	—	—	—	—
„ „ „ „	Hillington	—	—	—	33·7?	41·1	0·0	—	32	—	—	—	—	—	—	—
„ „ „ „	Hereford	—	—	50·9	—	43·5	+ 1·4	34	—	—	—	—	—	—	—	—
„ „ „ „	Glasgow	—	—	42·0	—	36·3	- 3·9	—	40	—	—	—	—	—	—	—
„ „ „ „	Llandudno	—	—	—	36·8	42·6	- 0·4	26	15	—	—	—	—	—	—	—
„ „ „ „	Plymouth	—	—	—	40·0	44·8	+ 0·9	—	6	7	0·77	+ 0·19	—	—	—	—
„ 13. „ 74.	Wick	—	—	—	—	—	—	—	—	—	0·24	- 0·20	—	—	—	—
„ „ „ „	Scarborough	—	—	—	35·1	40·1	- 2·4	—	25	—	—	—	—	—	—	—
„ „ „ „	Hillington	—	—	—	33·1	38·5	- 4·6	—	31	—	—	—	—	—	—	—
„ 15. „ 86.	Scarborough	—	—	54·6	—	46·8	+ 2·9	43	—	—	—	—	—	—	—	—
„ „ „ „	Hillington	—	34	60·2	37·7	48·4	+ 3·4	63	12	—	—	—	—	—	—	—
„ „ „ „	Stonyhurst	—	—	57·8	37·8	47·3	+ 3·2	55	12	—	—	—	—	—	—	—
„ 16. „ 92.	Scarborough	—	—	55·4	—	47·1	+ 2·3	46	—	—	—	—	—	—	—	—
„ „ „ „	Hillington	—	—	57·4	—	44·5	- 1·7	57	—	—	—	—	—	—	—	—
„ „ „ „	Cambridge	—	—	56·5	32·2	43·8	- 3·4	54	27	—	—	—	—	—	—	—
„ „ „ „	Glasgow	—	—	—	37·1	42·7	- 2·3	25	14	—	—	—	—	—	—	—
„ „ „ „	Plymouth	—	—	—	—	—	—	—	—	1	0·06	0·48	—	—	—	—
„ 17. „ 98.	Cheadle	—	—	—	—	—	—	—	—	6	1·13	+ 0·64	—	—	—	—
„ 18. „ 104.	Hillington	63	—	56·5	35·9	45·6	- 2·8	51	—	—	—	—	—	—	—	—
„ „ „ „	Shrewsbury	—	—	—	—	—	—	—	—	—	0·74	—	—	—	—	—
„ „ „ „	Kilkenny	—	—	—	38·4	45·2	- 3·9	—	10	—	—	—	—	—	—	—
„ 19. „ 110.	Strathpeffer	—	—	—	—	—	—	—	—	—	—	—	21·5	- 16·0	—	—
„ „ „ „	Hillington	—	—	61·2	44·5	52·4	+ 2·9	73	—	—	—	—	—	—	—	—
„ „ „ „	Bath	—	—	61·7	—	54·7	+ 3·1	89	—	—	—	—	—	—	—	—
„ „ „ „	Cullompton	—	—	—	—	—	—	—	—	—	—	—	23·0	- 20·1	22	- 19
„ 20. „ 116.	Strathpeffer	—	—	—	—	—	—	—	—	—	—	—	16·5	- 22·2	14	- 19
„ „ „ „	Scarborough	—	—	52·1	41·9	46·7	- 2·3	33	—	—	—	—	28·4	—	—	—
„ „ „ „	Cheadle	—	36	—	40·0	46·7	- 2·5	41	6	—	—	—	—	—	—	—
„ 21 „ 122.	Strathpeffer	—	—	—	—	—	—	—	—	—	—	—	12·9	- 26·0	11	- 22
„ „ „ „	York	—	—	—	42·4	48·7	- 3·3	47	0	—	—	—	—	—	—	—
„ „ „ „	Hillington	—	38	—	42·9	50·2	- 2·1	57	—	—	—	—	—	—	—	—
„ „ „ „	Laudale	—	—	—	—	—	—	—	—	3	0·83	- 0·03	—	—	—	—
„ „ „ „	Glasgow	—	35	—	40·8	45·6	- 5·2	—	3	—	—	—	—	—	—	—
„ „ „ „	Shaftesbury	54	—	53·2	—	47·7	3·7	40	—	—	—	—	—	—	—	—
„ „ „ „	Plymouth	—	—	55·8	—	50·8	- 3·3	62	—	—	—	—	—	—	—	—
„ „ „ „	Donaghadee	56	—	51·6	—	47·1	- 4·1	36	—	—	—	—	—	—	—	—
„ 22. „ 128.	Hillington	—	—	63·5	—	55·6	+ 1·9	95	—	—	—	—	—	—	—	—
„ „ „ „	Yarmouth	—	—	—	—	—	—	—	—	3	0·14	- 0·26	—	—	—	—
„ „ „ „	Geldeston	—	—	64·5	—	56·4	+ 3·0	101	—	—	—	—	—	—	—	—
„ „ „ „	Cheadle	—	—	—	—	—	—	—	—	—	0·37	- 0·19	—	—	—	—
„ „ „ „	Bath	—	—	—	50·6	56·2	+ 0·1	99	—	—	—	—	—	—	—	—
„ 23. „ 134.	Scarborough	—	—	—	46·5	53·0	0·0	77	—	—	—	—	—	—	—	—
„ „ „ „	Tunbridge Wells ..	—	37	—	42·6	53·5	- 1·9	81	0	—	—	—	—	—	—	—
„ 24. „ 140.	Holyhead	—	—	—	51·1	55·7	0·0	96	—	—	—	—	—	—	—	—
„ „ „ „	Brighton	—	—	—	—	—	—	—	—	—	—	—	33·8	- 18·2	30	- 16
„ 25. „ 146.	Stornoway	—	—	—	—	—	—	—	—	5	0·40	- 0·18	—	—	—	—
„ „ „ „	Scarborough	—	—	—	52·6	58·8	+ 2·6	118	—	—	—	—	—	—	—	—
„ „ „ „	Hillington	—	—	—	50·4	61·5	+ 3·5	137	—	—	—	—	—	—	—	—
„ „ „ „	Eastbourne	—	—	—	—	—	—	—	—	—	—	—	88·5	+ 36·8	78	+ 32
„ 26. „ 152.	Hillington	—	40	—	50·7	58·8	- 0·3	118	—	—	—	—	—	—	—	—
„ „ „ „	Swarraton	—	—	—	—	—	—	—	—	2	1·47	+ 0·93	—	—	—	—
„ „ „ „	Stonyhurst	68	45	61·1	51·0	55·7	- 1·6	96	0	—	—	—	—	—	—	—

WEEKLY WEATHER REPORT, 1906.

Corrections and Additions for the Six Months, January to June.

DISTRICT VALUES.

VOL. XXIII. No. and Page.	DISTRICTS.	Temperature.							Rainfall.			Bright Sunshine.			
		Highest.	Lowest.	Daily Max.	Daily Min.	Daily Mean.	Above 42°.	Below 42°.	No. of Days.	Total Fall.	Diff. from Av.	Hours.	Diff. from Av.	Percentage.	Diff. from Av.
		°	°	°	°	°	°	°		Inches.	Inches.			%	%
No. 1. Page 1.	**7.** ENGLAND, N.W. ..	52	—	—	—	—	—	—	—	—	—	—	—	—	—
„ „ „ „	**8.** ENGLAND, S.W. ..	—	—	—	40·2	—	24	—	—	2·69	+ 1·83	—	—	—	—
„ „ „ „	**10.** IRELAND, SOUTH ..	56	32	—	42·9	46·6	32	—	—	—	—	—	—	—	—
„ 2. „ 7.	**0.** SCOTLAND, NORTH ..	—	—	—	—	—	—	—	—	—	—	6	—	—	—
„ „ „ „	**6.** SCOTLAND, WEST ..	—	—	—	—	—	—	—	—	—	—	—	—	13	—
„ „ „ „	**7.** ENGLAND, N.W. ..	—	—	—	—	—	—	—	—	—	—	9	—	—	—
„ 4. „ 19.	**5.** ENGLAND, SOUTH ..	—	22	—	—	—	—	—	—	—	—	—	—	—	—
„ 7. „ 37.	**2.** ENGLAND, N.E. ..	—	—	—	—	—	—	—	—	—	—	16	—	24	—
„ 8. „ 43.	**0.** SCOTLAND, NORTH ..	51	—	—	—	—	—	—	—	—	—	—	—	—	—
„ „ „ „	**6.** SCOTLAND, WEST ..	—	—	42·9	—	36·7	3	42	—	0·99	+ 0·07	—	—	—	—
„ 9. „ 49.	**6.** SCOTLAND, WEST ..	49	—	—	—	—	—	—	—	—	—	—	—	—	—
„ 14. „ 79.	**4.** MIDLAND COUNTIES ..	—	—	56·2	35·4	—	51	—	—	0·04	- 0·38	—	—	—	—
„ 15. „ 85.	**3.** ENGLAND, EAST ..	—	34	—	—	—	—	—	—	—	—	—	—	—	—
„ 16. „ 91.	**0.** SCOTLAND, NORTH ..	—	21	—	32·8	39·2	—	33	—	1·78	+ 1·12	—	—	—	—
„ „ „ „	**5.** ENGLAND, SOUTH ..	—	—	—	—	—	—	—	—	—	—	—	—	—	+ 9
„ „ „ „	**8.** ENGLAND, S.W. ..	—	—	—	—	—	—	—	3	0·11	- 0·46	—	—	—	—
„ 18. „ 103.	**3.** ENGLAND, EAST ..	63	—	—	—	—	—	—	—	—	—	—	—	—	—
„ „ „ „	**10.** IRELAND, SOUTH ..	—	—	—	39·4	—	—	—	—	—	—	—	—	—	—
„ 19. „ 109.	**8.** ENGLAND, S.W. ..	—	—	—	—	—	—	—	—	—	—	21	- 24	20	- 23
„ 22. „ 127.	**0.** SCOTLAND, N.	—	—	—	—	—	—	—	—	—	—	19	- 19	16	- 16
„ „ „ „	**2.** ENGLAND, N.E. ..	—	—	—	—	—	—	—	—	—	—	39	- 4	34	- 3
„ „ „ „	**4.** MIDLAND COUNTIES ..	—	—	—	—	—	—	—	—	0·34	- 0·12	—	—	—	—
„ 23. „ 133.	**0.** SCOTLAND, N.	—	—	—	—	—	—	—	—	—	—	38	0	31	0
„ „ „ „	**5.** ENGLAND, SOUTH ..	—	34	—	—	—	—	—	—	—	—	—	—	—	—
„ 25. „ 145.	**0.** SCOTLAND, NORTH ..	—	—	—	—	—	—	—	—	0·25	- 0·38	—	—	—	—
„ 26. „ 151.	**0.** SCOTLAND, NORTH ..	—	—	—	—	—	—	—	—	—	—	29	- 6	—	- 5
„ „ „ „	**10.** IRELAND, SOUTH ..	—	—	63·5	50·5	56·6	102	—	—	0·87	+ 0·21	—	—	—	—

STATION VALUES—ADDITIONS.

VOL. XXIII. No. and Page.	NAMES OF STATIONS.	Temperature (in Degrees Fahrenheit).							Rainfall.			Bright Sunshine.			
		Highest observed.	Lowest observed.	Averages for the Week. Of Highest each day.	Of Lowest each day.	For whole of each day.	Difference of Daily Average from Mean for the Week.	Accumulated Heat for the Week (in Day-degrees). Above 42° F.	Below 42 F.	Number of Days with rain.	Rainfall in the Week.	Difference from the mean for the Week.	No. of Hours recorded.	Difference from the Mean for the Week.	Percentage of possible duration.	Difference from the Mean for the Week.
		°	°	°	°	°	°	Day-deg.	Day-deg.		Inches	Inches.	Hrs.	Hrs.	%	%
No. 1. Page 2.	Foynes	56	32	50·2	39·9	45·3	+ 3·4	32	6	—	—	—	—	—	—	—
„ 2. „ 8.	Strathpeffer	—	—	—	—	—	—	—	—	—	—	—	6·6	- 0·6	14	- 1
„ 7. „ 42.	Saltburn	—	—	—	—	—	—	—	—	—	—	—	20·6	—	31	—
„ 8. „ 44.	Laudale	46	28	44·2	30·1	37·2	- 2·9	6	44	6	2·37	+ 0·74	—	—	—	—
„ 11. „ 66.	Rhyl	—	—	—	—	—	—	—	—	—	—	—	30·6	—	38	—
„ 13. „ 78.	Torquay	—	—	—	—	—	—	—	—	—	—	—	33·6	- 1·6	38	- 2
„ 14. „ 80.	Colly Weston	64	31	57·0	34·1	45·0	+ 0·5	54	22	0	0·00	- 0·36	—	—	—	—
„ „ „ 84.	Rhyl	—	—	—	—	—	—	—	—	—	—	—	40·6	—	45	—
„ 15. „ 90.	Rhyl	—	—	—	—	—	—	—	—	—	—	—	63·2	—	67	—
„ 16. „ 92.	Lairg	51	21	46·2	27·3	36·3	- 6·0	12	51	7	1·54	+ 1·00	—	—	—	—
„ „ „ 96.	Eastbourne	—	—	—	—	—	—	—	—	—	—	—	53·4	+ 12·2	55	+ 13
„ 18. „ 104.	Ramsgate	—	—	—	—	—	—	—	—	—	—	—	65·7	—	64	—
„ „ „ „	Brighton	—	—	—	—	—	—	—	—	—	—	—	46·3	+ 1·1	45	+ 1
„ „ „ „	Bournemouth	—	—	—	—	—	—	—	—	—	—	—	40·4	—	39	—
„ „ „ „	Bognor	—	—	—	—	—	—	—	—	—	—	—	39·6	—	38	—
„ „ „ „	Rhyl	—	—	—	—	—	—	—	—	—	—	—	34·9	—	33	—
„ „ „ „	Tenby	—	—	—	—	—	—	—	—	—	—	—	30·9	- 16·0	30	- 14
„ 21. „ 122.	Tenby	—	—	—	—	—	—	—	—	—	—	—	24·7	- 26·5	22	- 24
„ 22. „ 128.	Strathpeffer	—	—	—	—	—	—	—	—	—	—	—	24·6	- 13·8	21	- 12
„ „ „ „	York	—	—	—	—	—	—	—	—	—	—	—	28·9	- 11·6	25	- 10
„ „ „ „	Saltburn	—	—	—	—	—	—	—	—	—	—	—	48·3	—	42	—
„ „ „ „	Lowestoft	—	—	—	—	—	—	—	—	—	—	—	37.9	—	33	—
„ 23. „ 134.	Strathpeffer	—	—	—	—	—	—	—	—	—	—	—	51·1	+ 13·3	42	+ 11
„ 26. „ 152.	Killarney	69	45	64·2	51·4	57·4	- 0·3	108	0	7	1·36	+ 0·68	—	—	—	—

(P.T.O.

WEEKLY WEATHER REPORT, 1906.

Corrections and Additions for the Six Months, July to December,

DISTRICT VALUES.

VOL. XXIII. No. and Page.	DISTRICTS.	Temperature. Highest.	Lowest.	Daily Max.	Daily Min.	Daily Mean.	Above 42°.	Below 42°.	Rainfall. No. of Days.	Total Fall.	Diff. from Av.	Bright Sunshine. Hours.	Diff. from Av.	Percentage.	Diff. from Av.
		°	°	°	°	°	°	°	—	Inches.	Inches.			%	%
No. 28. Page 163.	**6.** SCOTLAND, WEST ..	—	—	—	—	—	—	—	—	0·64	- 3·19	—	—	—	—
„ 30. „ 175.	**2.** ENGLAND, N.E. ..	—	—	—	—	—	—	—	—	0·36	- 0·23	—	—	—	—
„ 32 „ 187.	**2.** ENGLAND, N.E. ..	—	—	—	—	—	—	—	—	—	—	36	—	33	—
„ 33. „ 193.	**8.** ENGLAND, S.W. ..	—	—	—	—	—	—	—	—	1·15	+ 0·34	—	—	—	—
„ 34. „ 199	**2.** ENGLAND, N.E. ..	—	—	—	—	—	—	—	—	—	—	38	—	38	—
„ „ „ „	**9.** IRELAND, NORTH ..	—	—	—	—	—	—	—	—	—	—	23	- 6	23	- 6
„ 36. „ 211.	**0.** SCOTLAND, NORTH ..	89	—	63·5	50·4	56·7	103	—	—	1·46	+ 0·48	—	—	—	—
„ „ „ „	**2.** ENGLAND, N.E. ..	—	—	73·4	55·9	64·2	155	—	1	0·01	- 0·53	—	—	—	—
„ „ „ „	**10.** IRELAND, SOUTH ..	—	—	67·4	55·3	61·1	134	—	—	—	—	—	—	—	—
„ 37. „ 217.	**0.** SCOTLAND, NORTH ..	74	—	60·1	46·4	53·0	77	—	—	1·34	+ 0·26	—	—	—	—
„ 38. „ 223.	**0.** SCOTLAND, NORTH ..	—	—	—	45·6	—	—	—	—	—	—	—	—	—	—
„ 39. „ 229.	**4.** MIDLAND COUNTIES	—	—	—	—	—	—	—	—	—	—	43	—	52	—
„ 42. „ 247.	**1.** SCOTLAND, EAST ..	—	—	—	—	—	—	—	—	—	—	23	—	32	—
„ 44. „ 259.	**4.** MIDLAND COUNTIES	—	—	—	—	—	—	—	—	0·84	+ 0·22	—	—	—	—
„ „ „ „	**8.** ENGLAND, S.W. ..	—	—	—	—	—	—	—	—	—	—	27	—	40	—
„ 46. „ 271.	**3.** ENGLAND, EAST ..	—	29	—	38·9	44·0	—	—	—	—	—	—	—	—	—
„ 47. „ 277.	**0.** SCOTLAND, NORTH ..	68	—	49·9	—	44·7	30	—	—	—	—	—	—	—	—
„ „ „ „	**1.** SCOTLAND, EAST ..	—	—	—	—	—	—	—	—	1·10	+ 0·37	—	—	—	—
„ 51. „ 301.	**3.** ENGLAND, EAST ..	—	—	—	—	—	—	—	—	—	—	7	—	14	—
„ „ „ „	**8.** ENGLAND, S.W. ..	—	—	45·7	38·6	42·3	16	—	—	0·04	- 0·94	—	—	—	—
„ 52. „ 307.	**0.** SCOTLAND, NORTH ..	—	—	—	—	—	—	—	—	—	—	1	—	3	- 9

STATION VALUES.

VOL. XXIII. No. and Page.	NAMES OF STATIONS.	Temperature (in Degrees Fahrenheit). Highest observed.	Lowest observed.	Averages for the Week. Of Highest each day.	Of Lowest each day.	For whole of each day.	Difference of Daily Average from Mean for the Week.	Accumulated Heat for the Week (in Day-degrees). Above 42° F.	Below 42° F.	Rainfall. Number of Days with rain.	Rainfall in the Week.	Difference from the Mean for the Week.	Bright Sunshine. No. of Hours recorded.	Difference from the Mean for the Week.	Percentage of possible duration.	Difference from the Mean for the Week.
	Additions.	°	°	°	°	°	°	Day-deg.	Day-deg.		Inches	Inches.	Hrs.	Hrs.	%	%
No. 27. Page 158.	Rhyl	—	—	—	—	—	—	—	—	—	—	—	49·8	—	43	—
„ 29. „ 170.	Ballinacurra	—	—	—	—	—	—	—	—	—	—	—	33·9	—	31	—
„ 31. „ 182.	Lowestoft	—	—	—	—	—	—	—	—	—	—	—	74·9	—	70	—
„ 32. „ 188.	Saltburn	—	—	—	—	—	—	—	—	—	—	—	21·5	—	20	—
„ 33. „ 194.	Southend	—	—	—	—	—	—	—	—	—	—	—	36·0	—	36	—
„ „ „ „	Llangammarch Wells ..	68	46	62·7	50·7	56·3	- 1·5	100	0	7	1·97	—	28·8	—	29	—
„ „ „ „	Newquay	—	—	—	—	—	—	—	—	—	—	—	53·6	+ 7·3	53	+ 7
„ 34. „ 200.	Saltburn	—	—	—	—	—	—	—	—	—	—	—	32·2	—	32	—
„ 36. „ 212.	Lairg (Strathpeffer) S	89	47	66·7	48·9	57·4	+ 5·4	108	—	6	0·82	+ 0·15	31·4	+ 4·3	33	+ 5
„ „ „ „	Lincoln	93	48	77·8	56·9	66· 9	+ 9·7	174	—	2	0·03	- 0·49	—	—	—	—
„ „ „ „	Newquay	—	—	—	—	—	—	—	—	—	—	—	44·3	+ 4·4	48	+ 5
„ 37. „ 218.	Lairg .. .. S	74	43	66·9	47·6	56·8	+ 5·7	104	0	4	0·62	- 0·05	—	—	—	—
„ „ „ „	Hoylake	—	—	—	—	—	—	—	—	—	—	—	45·8	—	52	—
„ „ „ „	Shaftesbury .. ft	70	48	64·3	50·4	57·0	+ 1·2	105	0	4	0·80	+ 0·13	—	—	—	—
„ 40. „ 236.	Cromer	—	—	—	—	—	—	—	—	—	—	—	29·2	—	37	—
„ 44. „ 260.	Harrogate	54	31	50·4	40·7	45·4	+ 2·0	29	4	7	1·79	+ 1·10	?	—	?	—
„ 45. „ 266.	Harrogate	51	30	48·9	38·0	43·5	+ 0·9	27	11	6	1·14	+ 0·48	?	—	?	—
„ 46. „ 272.	Tenby	—	—	—	—	—	—	—	—	—	—	—	17·5	+ 2·4	29	+ 4
„ 47. „ 278.	Plymouth	58	34	52·3	44·4	48·4	+ 2·2	45	0	5	1·42	+ 0·58	17·5	+ 3·5	29	+ 6
„ 51. „ 302.	Saltburn	—	—	—	—	—	—	—	—	—	—	—	2·3	—	5	—
„ „ „ „	Cromer	—	—	—	—	—	—	—	—	—	—	—	9·9	—	19	—
„ „ „ „	Lowestoft	—	—	—	—	—	—	—	—	—	—	—	16·0	—	31	—
„ „ „ „	Felixstowe	49	26	43·2	31·4	37·5	- 1·6	3	39	1	0·28	—	10·4	—	20	—
„ „ „ „	Plymouth	55	32	49·1	40·1	44·8	+ 1·7	28	5	4	0·11	- 0·83	7·1	- 3·9	13	- 7
	Corrections.															
„ 27. „ 158.	Westminster	—	—	—	—	—	—	—	—	—	—	—	60·2	+20·2	53	+ 18
„ 28. „ 164.	Newcastle	—	—	—	—	—	—	—	—	—	—	—	36·7	+ 3·8	31	+ 3
„ „ „ „	Geldeston	—	45	68·6	50·9	59·1	- 1·3	120	—	—	—	—	—	—	—	—
„ „ „ „	Laudale	—	—	—	—	—	—	—	—	—	1·10	- 0·04	—	—	—	—
„ „ „ „	Llangammarch Wells	—	—	—	—	—	—	—	—	5	0·70	—	—	—	—	—
„ „ „ „	Scilly	—	—	—	—	—	—	—	—	—	0·11	- 0·42	—	—	—	—
„ 29. „ 170.	Sumburgh Head ..	—	—	—	—	—	—	—	—	—	1·81	+ 1·26	—	—	—	—
„ „ „ „	Scarborough .. ft	—	—	68·9	51·8	59·8	+ 0·8	125	—	—	—	—	—	—	—	—
„ „ „ „	Lincoln	—	—	—	—	—	—	—	—	2	0·04	- 0·50	—	—	—	—
„ „ „ „	Hereford .. .. ft	75	—	70·4	—	60·2	- 0·4	127	—	—	—	—	—	—	—	—
„ „ „ „	Shaftesbury .. ft	—	—	—	51·7	59·1	- 0·5	120	—	—	—	—	—	—	—	—
„ „ „ „	Birr Castle	—	—	—	53·0	58·7	+ 0·3	117	—	—	—	—	—	—	—	—
„ 30. „ 176.	Balmoral .. .. S	72	—	67·3	—	55·8	+ 1·6	97	—	—	—	—	—	—	—	—
„ „ „ „	York	—	—	—	—	—	—	—	—	2	0·25	- 0·36	—	—	—	—
„ „ „ „	Oundle	—	—	—	—	—	—	—	—	—	—	—	62·1	—	56	—
„ 31. „ 182.	Scarborough .. ft	—	—	71·8	—	64·0	+ 5·3	154	—	—	—	—	—	—	—	—
„ „ „ „	Hillington .. ft	—	—	—	56·1	65·7	+ 5·3	166	—	—	—	—	—	—	—	—
„ „ „ „	Shrewsbury	—	—	—	—	—	—	—	—	3	0·27	—	—	—	—	—

[P.T.O.

VOL. XXIII. No. and Page.	NAMES OF STATIONS.	Temperature (in Degrees Fahrenheit).							Rainfall.			Bright Sunshine.			
		Highest observed.	Lowest observed.	Averages for the Week.			Difference of Daily Average from Mean for the Week.	Accumulated Heat for the Week (in Day-degrees).		Number of Days with rain.	Rainfall in the Week.	Difference from the Mean for the Week.	No. of Hours recorded.	Difference from the Mean for the Week.	Percentage of possible duration.	Difference from the Mean for the Week.
				Of Highest each day.	Of Lowest each day	For whole of each day.		Above 42° F.	Below 42° F.							
Corrections (*Continued*).		°	°	°	°	°	°	Day-deg.	Day-deg.		Inches.	Inches.	Hrs.	Hrs.	%	%
No. 31. Page 182.	Blackpool ..	—	—	69·3	—	62·0	+ 2·7	140	—	—	1·10	+ 0·34	—	—	—	—
„ „ „ „	Cullompton ..	75	—	71·0	—	61·3	+ 0·8	135	—	—	—	—	—	—	—	—
„ „ „ „	Birr Castle	70	—	67·6	—	59·9	+ 1·5	125	—	—	2·14	+ 1·35	—	—	—	—
„ 32. „ 188.	Hereford	—	—	—	52·8	62·3	+ 2·0	142	—	—	—	—	—	—	—	—
„ „ „ „	Blackpool ..	—	—	66·0	—	60·4	+ 0·9	129	—	—	—	—	—	—	—	—
„ „ „ „	Malin Head	—	—	—	—	—	—	—	—	—	0·69	- 0·07	—	—	—	—
„ 34. „ 200.	Scarborough ..	—	—	69·6	53·7	61·2	+ 3·5	134	—	—	—	—	—	—	—	—
„ „ „ „	Holyhead	—	—	—	—	—	—	—	—	—	1·13	+ 0·40	—	—	—	—
„ „ „ „	Markree Castle	—	—	—	—	—	—	—	—	—	—	—	22·1	- 6·3	22	- 6
„ 35. „ 206.	Leith	—	—	—	50·4	61·9	+ 5·3	139	—	—	—	—	—	—	—	—
„ „ „ „	Cheadle	—	—	—	54·3	65·1	+ 9·3	162	—	—	—	—	—	—	—	—
„ 36. „ 212.	Llandudno ..	—	—	—	57·1	62·8	+ 5·0	146	—	—	—	—	—	—	—	—
„ „ „ „	Foynes	67	—	61·3	56·1	58·6	+ 2·3	116	0	—	—	—	—	—	—	—
„ 37. „ 218.	Portland Bill	—	—	—	57·1	60·5	+ 1·6	130	—	—	—	—	—	—	—	—
„ „ „ „	Douglas, Isle of Man ..	—	—	—	46·1	53·2	- 1·2	78	—	—	—	—	—	—	—	—
„ „ „ „	Cullompton ..	—	—	—	47·3	56·6	- 0·5	102	—	—	—	—	—	—	—	—
„ 38. „ 224.	Scarborough ..	—	46	60·4	51·9	56·0	+ 1·6	98	—	—	0·39	- 0·16	—	—	—	—
„ „ „ „	Dunmow	—	—	—	—	—	—	—	—	—	—	—	19·7	—	23	—
„ „ „ „	Marlborough	—	—	—	—	—	—	—	—	—	—	—	—	—	—	- 11
„ 39. „ 230.	Stornoway	—	—	—	—	—	—	—	—	1	0·02	- 1·04	—	—	—	—
„ „ „ „	York	—	—	—	—	—	—	—	—	1	0·01	- 0·53	—	—	—	—
„ „ „ „	Shaftesbury ..	—	—	60·1	—	52·5	- 1·1	74	—	—	—	—	—	—	—	—
„ „ „ „	Cullompton ..	—	—	—	40·7	51·8	- 2·7	—	4	—	—	—	—	—	—	—
„ 40. „ 236.	Hillington ..	—	—	—	—	—	—	—	—	—	—	—	16·3	-10·0	21	- 13
„ „ „ „	Dunmow	—	—	—	—	—	—	—	—	—	—	—	27·8	—	35	—
„ „ „ „	Douglas	—	—	—	—	—	—	—	—	—	1·56	+ 0·58	—	—	—	—
„ „ „ „	Shaftesbury ..	—	—	—	51·9	56·6	+ 4·4	102	—	—	—	—	—	—	—	—
„ 41. „ 242.	Scarborough ..	—	—	—	52·3	57·2	+ 7·1	106	—	—	—	—	—	—	—	—
„ „ „ „	Sheffield	—	—	—	—	—	—	—	—	—	—	—	17·0	—	22	—
„ „ „ „	Pembroke	—	—	—	—	—	—	—	—	—	1·03	+ 0·16	—	—	—	—
„ 42. „ 248.	Nairn	—	—	—	—	—	—	—	—	—	—	—	23·7	—	34	—
„ „ „ „	Laudale	—	—	—	39·2	45·2	- 2·1	34	8	—	—	—	—	—	—	—
„ „ „ „	Aspatria	—	—	48·9	—	44·9	- 1·5	24	—	—	—	—	—	—	—	—
„ „ „ „	Llandudno ..	—	—	—	44·4	48·7	- 1·6	47	—	—	—	—	—	—	—	—
„ „ „ „	Ballinacurra	—	—	—	—	—	—	—	—	—	—	—	28·2	—	39	—
„ 43. „ 254.	Scarborough ..	—	—	58·1	46·9	—	—	—	—	—	—	—	—	—	—	—
„ „ „ „	Llangammarch Wells	—	—	—	39·8	47·9	- 0·2	51	6	—	—	—	—	—	—	—
„ 44. „ 260.	Sumburgh Head ..	—	—	—	—	—	—	—	—	7	0·61	- 0·34	—	—	—	—
„ „ „ „	Scarborough ..	—	—	49·5	—	45·7	+ 0·5	26	—	—	—	—	—	—	—	—
„ „ „ „	Hillington ..	—	—	—	40·6	44·9	+ 0·3	—	4	—	—	—	—	—	—	—
„ „ „ „	Llangammarch Wells	—	—	—	—	—	—	—	—	—	—	—	22·1	—	34	—
„ „ „ „	Donaghadee	—	—	—	—	—	—	—	—	—	0·70	0·00	—	—	—	—
„ 45. „ 266.	York	—	—	—	—	—	—	—	—	—	0·82	+ 0·25	—	—	—	—
„ 46. „ 272.	Strathpeffer	—	—	—	—	—	—	—	—	—	—	—	5·3	- 5·0	10	- 9
„ „ „ „	York	—	36	—	39·1	43·3	+ 0·6	21	8	—	—	—	—	—	—	—
„ „ „ „	Yarmouth	—	38	—	41·4	45·1	+ 1·4	24	2	—	—	—	—	—	—	—
„ „ „ „	Geldeston	—	36	—	40·3	45·2	+ 1·6	30	5	—	—	—	—	—	—	—
„ „ „ „	Holyhead	—	—	—	—	—	—	—	—	—	1·12	+ 0·16	—	—	—	—
„ „ „ „	Cullompton ..	—	—	48·8	—	41·6	- 2·4	19	32	—	—	—	—	—	—	—
„ „ „ „	Brighton	—	—	—	—	—	—	—	—	—	—	—	13·3	- 2·9	21	- 5
„ 47. „ 278.	Lairg (Strathpeffer)	68	—	51·0	—	44·4	+ 5·8	35	—	—	—	—	4·1	- 4·0	8	- 8
„ „ „ „	Balmoral	—	—	—	—	—	—	—	—	—	3·09	+ 2·21	—	—	—	—
„ „ „ „	Alnwick Castle	—	—	51·9	—	45·3	+ 3·6	37	—	—	—	—	—	—	—	—
„ „ „ „	Hillington ..	57	—	50·2	—	44·6	+ 3·3	31	—	—	—	—	—	—	—	—
„ „ „ „	Dungeness	—	—	—	—	—	—	—	—	4	1·12	+ 0·50	—	—	—	—
„ „ „ „	Holyhead	—	—	—	40·6	46·0	+ 0·2	34	4	—	—	—	—	—	—	—
„ 48. „ 284.	Strathpeffer	—	—	—	—	—	—	—	—	—	—	—	9·4	+ 2·4	19	+ 5
„ „ „ „	Scarborough ..	—	—	52·7	—	48·2	+ 6·4	43	—	—	—	—	—	—	—	—
„ „ „ „	York	—	—	—	—	—	—	—	—	5	0·12	- 0·35	—	—	—	—
„ „ „ „	Geldeston	—	—	—	—	—	—	—	—	—	—	—	13·5	+ 2·3	25	+ 4
„ „ „ „	Hereford	—	36	—	41·5	46·9	+ 6·1	36	1	—	—	—	—	—	—	—
„ 49. „ 290.	Nairn	—	—	—	—	—	—	—	—	—	—	—	4·1	—	9	—
„ „ „ „	Scarborough ..	—	—	—	40·0	45·0	+ 4·4	29	6	—	—	—	—	—	—	—
„ „ „ „	Southampton	—	27	—	38·9	45·2	+ 3·4	41	3	—	—	—	—	—	—	—
„ 50. „ 296.	Wick	—	—	—	—	—	—	—	—	5	0·60	- 0·06	—	—	—	—
„ „ „ „	Nairn	—	—	—	—	—	—	—	—	—	—	—	6·2	—	4	—
„ 51. „ 302.	Nairn	—	—	—	—	—	—	—	—	—	—	—	5·1	—	12	—
„ „ „ „	Scarborough ..	—	—	44·0	36·8	40·5	+ 1·2	6	20	—	—	—	—	—	—	—
„ „ „ „	Stonyhurst	—	28	—	36·4	39·8	+ 1·5	—	21	—	—	—	—	—	—	—
„ „ „ „	Pembroke	—	—	—	—	—	—	—	—	1	0·01	- 0·89	—	—	—	—
„ „ „ „	Donaghadee	—	?34	—	42·7	46·1	+ 4·6	29	—	—	—	—	—	—	—	—
„ 52. „ 308.	Deerness	—	—	—	—	—	—	—	—	—	—	—	0·7	- 5·3	2	- 13
„ „ „ „	Wick	—	—	35·1	—	31·5	- 6·9	—	74	—	—	—	—	—	—	—
„ „ „ „	Nairn	—	—	—	—	—	—	—	—	—	—	—	4·2	—	9	—
„ „ „ „	Scarborough ..	—	—	39·9	—	34·0	- 4·9	—	56	—	—	—	—	—	—	—
„ „ „ „	Cheadle	—	—	—	25·1	29·9	- 7·0	—	85	—	—	—	—	—	—	—
„ „ „ „	Hastings	—	—	—	—	—	—	—	—	—	—	—	11·8	- 1·1	22	- 2
„ „ „ „	Glasgow	—	—	36·8	—	32·9	- 5·7	—	64	—	—	—	—	—	—	—
„ „ „ „	Stonyhurst	—	21	35·8	27·2	31·7	- 6·5	—	72	—	—	—	—	—	—	—
„ „ „ „	Manchester	—	—	—	—	—	—	—	—	6	1·16	+ 0·42	—	—	—	—
„ „ „ „	Bettws-y-Coed	—	22	—	28·9	34·3	- 7·5	—	54	—	—	—	—	—	—	—

NOTE.—Slight corrections, *i.e.*, those less than 0·5° in average Temperature or less than 5% of the amounts of Rainfall or Sunshine, are not included in the above list.
All corrections are incorporated in the results issued in the Monthly Summary.

WEEKLY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE,

AND PUBLISHED FOR H.M. STATIONERY OFFICE BY WYMAN AND SONS, LTD., FETTER LANE, E.C., AND 32, ABINGDON STREET, WESTMINSTER, S.W.; OR OLIVER AND BOYD, EDINBURGH; OR E. PONSONBY, 116, GRAFTON STREET, DUBLIN.

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PUBLIC SERVICE

I.—GENERAL REMARKS.

Weather. Quite at the commencement of the week the weather was cold and dry, but it soon became mild and very unsettled, with considerable and frequent falls of rain in all districts except Scotland N. A thunderstorm was experienced at Portland Bill early on Friday morning.

Temperature was high for the time of year in all districts. The difference from the Mean was small in the north-east, but large in the south and south-west. The highest of the maxima occurred during the latter half of the period; they were as high as 55° in the Midland Counties, England S., Ireland S. and the Channel Islands, but a little below 50° in the north of the Kingdom. The lowest of the minima, which were recorded either on December 31st or January 1st, ranged from 17° in Scotland E. (at Nairn) and from 25° in England N.E., to 36° in the Channel Islands, and to 37° in Ireland S. Rainfall was slight in Scotland N., and a little less than the average in Scotland W. In all other parts of the Kingdom the aggregate was large and much in excess of the normal.

Bright Sunshine was everywhere deficient, the percentage of the possible duration ranged from 16 in the Channel Islands, to 5 in Scotland E., and to 4 in Scotland W. and England N.W.

Barometer and Wind. The general distribution of pressure underwent an entire change during this period. At first an anticyclone lay to the eastward of our Islands and depressions off our west and south-west coasts, but the former retreated gradually to central and south-eastern Europe, while by Thursday the latter extended their borders over the whole of the United Kingdom. The South-Easterly to Easterly winds were at first very strong generally, and blew a gale in many places, but they subsequently moderated in force. During Friday, when a rather shallow depression passed eastwards, the wind was moderate to fresh from the South-Westward and Westward. This system was succeeded by a deep disturbance, which moved with great rapidity from the westward on Friday night; at 8 a.m. on Saturday its centre lay over Lincolnshire. This disturbance was accompanied by fresh or strong gales from the South-Westward or Westward over the south of the Kingdom generally, and by a whole gale in places.

SUMMARY OF TEMPERATURE, RAINFALL, AND DURATION OF BRIGHT SUNSHINE IN THE UNITED KINGDOM, FOR AGRICULTURAL AND SANITARY PURPOSES.

THE WEEK (1st)—December 31st, 1905, to January 6th, 1906.

DISTRICTS. (See p. 2.)	Temperature. Highest.	Lowest.	Means of Daily Max.	Daily Min.	Daily Mean.	Difference from Av. (35 Yrs.)	Accumulated Number of Day-Degrees. Above 42°	Difference from Av. (25 Yrs.)	Below 42°	Difference from Av. (25 Yrs.)	Rainfall. Number of Rain-Days.	Diff. from Av. (35 Yrs.)	Total Fall.	Difference from Av. (35 Yrs.)	Sunshine. Hours recorded.	Diff. from Av. (25 Yrs.)	Percentage of Possible Duration.	Diff. from Av. (25 Yrs.)
	°	°	°	°	°	°	°	°	°	°			Inches.	Inches.			%	%
0. SCOTLAND, NORTH	52	26	43·5	36·0	39·9	+ 2·0	4	- 4	23	- 9	4	- 1	0·20	-1·01	4	- 2	8	- 4
Eastern 1. SCOTLAND, EAST	47	17	41·6	33·7	37·8	+ 0·3	0	- 8	29	-10	4	0	0·68	+0·08	3	- 6	5	-13
Eastern 2. ENGLAND, N.E.	49	25	41·9	35·3	38·7	+ 0·9	0	- 9	23	-10	5	+ 1	0·90	+0·47	3	- 6	6	-11
Eastern 3. ENGLAND, EAST	53	28	44·3	36·4	40·5	+ 2·3	6	- 3	22	-16	4	0	1·00	+0·56	6	- 4	12	- 7
Eastern 4. MIDLAND COUNTIES	55	26	43·8	34·9	39·6	+ 1·5	5	- 6	28	-11	6	+ 2	1·45	+0·93	3	- 6	6	-11
Eastern 5. ENGLAND, SOUTH	55	27	46·5	38·8	42·8	+ 3·6	19	+ 7	9	-20	6	+ 2	1·88	+1·30	4	- 7	8	-13
Western 6. SCOTLAND, WEST	50	29	44·3	37·6	41·1	+ 1·9	6	- 5	18	- 8	5	0	1·06	-0·06	2	- 6	4	-12
Western 7. ENGLAND, N.W.	57	27	43·8	36·4	40·3	+ 0·8	5	- 6	22	- 5	6	+ 2	1·26	+0·59	2	- 7	4	-13
Western 8. ENGLAND, S.W.	54	27	48·3	40·1	44·4	+ 3·9	25	+ 7	5	-16	7	+ 3	2·81	+1·95	6	- 5	10	- 9
Western 9. IRELAND, NORTH	52	32	46·8	39·6	43·3	+ 3·0	19	+ 5	7	-17	7	+ 2	0·94	+0·15	7	- 2	13	- 5
Western 10. IRELAND SOUTH	55	37	50·1	43·3	46·8	+ 4·7	34	+13	0	-17	7	+ 2	2·10	+1·12	6	- 6	11	-11
11. CHANNEL ISLANDS	55	36	50·7	45·0	48·0	+ 3·7	42	+14	0	- 7	7	+ 3	1·30	+0·50	9	- 4	16	- 6

THE SEASON (**Winter**).—Aggregates, &c., for the Period of 5 Weeks, December 3rd, 1905, to January 6th, 1906.

0. SCOTLAND, NORTH	35	20	*	*	*	*	68	+27	78	-71	24	- 2	4·29	-1·76	24	- 3	11	- 1
Eastern 1. SCOTLAND, EAST	55	17	*	*	*	*	70	+29	93	-91	19	0	2·27	-1·05	39	- 2	17	- 1
Eastern 2. ENGLAND, N.E.	55	25	*	*	*	*	55	+ 5	92	-64	12	- 7	1·33	-1·23	44	- 1	17	0
Eastern 3. ENGLAND, EAST	57	25	*	*	*	*	34	-20	127	-47	13	- 7	1·85	-0·56	41	- 9	15	- 4
Eastern 4. MIDLAND COUNTIES	57	25	*	*	*	*	48	-10	123	-57	16	- 2	2·12	-0·64	39	-11	15	- 4
Eastern 5. ENGLAND, SOUTH	57	23	*	*	*	*	70	- 8	74	-54	16	- 3	2·62	-0·47	37	-15	14	- 5
Western 6. SCOTLAND, WEST	54	25	*	*	*	*	80	+17	49	-69	23	0	4·55	-1·88	37	- 4	15	- 2
Western 7. ENGLAND, N.W.	57	27	*	*	*	*	73	+ 7	64	-57	17	- 4	2·25	-1·63	46	+10	18	+ 4
Western 8. ENGLAND, S.W.	55	22	*	*	*	*	100	- 3	57	-31	17	- 5	4·39	-0·33	49	- 9	18	- 3
Western 9. IRELAND, NORTH	54	30	*	*	*	*	111	+35	18	-92	27	+ 2	3·81	-0·47	45	+ 2	18	+ 1
Western 10. IRELAND, SOUTH	56	25	*	*	*	*	164	+48	7	-76	23	0	4·37	-0·77	38	-18	15	- 7
11. CHANNEL ISLANDS	55	35	*	*	*	*	163	0	3	-23	20	- 3	2·67	-1·73	59	- 6	21	- 2

THE YEAR.—Aggregates, &c., for the period of 1 Week, December 31st, 1905, to January 6th, 1906.

0. SCOTLAND, NORTH	52	26	*	*	*	*	4	- 4	23	- 9	4	- 1	0·20	-1·01	4	- 2	8	- 4
Eastern 1. SCOTLAND, EAST	47	17	*	*	*	*	0	- 8	29	-10	4	0	0·68	+0·08	3	- 6	5	-13
Eastern 2. ENGLAND, N.E.	49	25	*	*	*	*	0	- 9	23	-10	5	+ 1	0·90	+0·47	3	- 6	6	-13
Eastern 3. ENGLAND, EAST	53	28	*	*	*	*	6	- 3	22	-16	4	0	1·00	+0·56	6	- 4	12	- 7
Eastern 4. MIDLAND COUNTIES	55	26	*	*	*	*	5	- 6	28	-11	6	+ 2	1·45	+0·93	3	- 6	6	-11
Eastern 5. ENGLAND, SOUTH	55	27	*	*	*	*	19	+ 7	9	-20	6	+ 2	1·88	+1·30	4	- 7	8	-13
Western 6. SCOTLAND, WEST	50	29	*	*	*	*	6	- 5	18	- 8	5	0	1·06	-0·06	2	- 6	4	-12
Western 7. ENGLAND, N.W.	57	27	*	*	*	*	5	- 6	22	- 5	6	+ 2	1·26	+0·59	2	- 7	4	-13
Western 8. ENGLAND, S.W.	54	27	*	*	*	*	25	+ 7	5	-16	7	+ 3	2·81	+1·95	6	- 5	10	- 9
Western 9. IRELAND, NORTH	52	32	*	*	*	*	19	+ 5	7	-17	7	+ 2	0·94	+0·15	7	- 2	13	- 5
Western 10. IRELAND, SOUTH	55	37	*	*	*	*	34	+13	0	-17	7	+ 2	2·10	+1·12	6	- 6	11	-11
11. CHANNEL ISLANDS	55	36	*	*	*	*	42	+14	0	- 7	7	+ 3	1·30	+0·50	9	- 4	16	- 6

Bright Sunshine.—For certain of the Districts the values of Bright Sunshine in this Table are based on the records from a part only of the Stations included in the Tables under II. and IV. For certain of the Stations Mean Values are not available, and for the Districts containing these Stations the "Differences from Mean" are based on the records from a smaller number of Stations than those supplying the values for "Hours Recorded."

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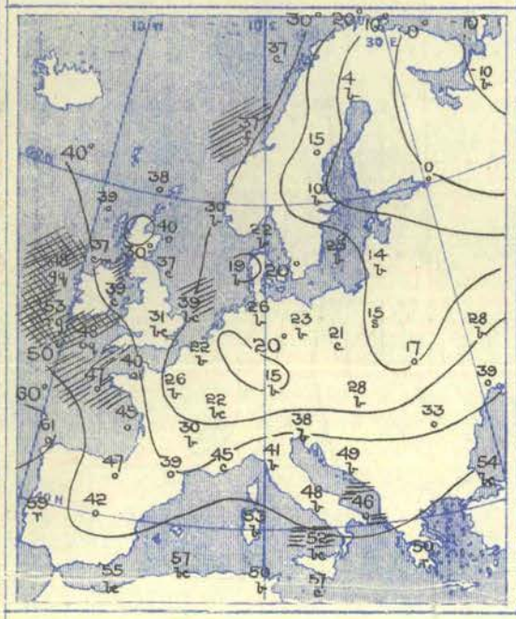
II.—DATA from which the SUMMARY on page 1 has been calculated.

Dec. 31, 05-Jan. 6, 1906.		Temperature. In Degrees Fahrenheit.								Rainfall.			Bright Sunshine.			
Districts.	Names of Stations.	Highest observed.	Lowest observed.	Averages for the Week. Of Highest each day.	Of Lowest each day.	For whole of each day.	Difference of Daily Average from Mean for the Week.	Accumulated Heat for the Week (in Day-degrees). Above 42°	Below 42°	Number of Rainy Days.	Rainfall in the Week.	Difference from the Mean for the Week.	Number of Hours recorded.	Difference from the Mean for the Week.	Percentage of possible duration.	Difference from the Mean for the Week.
		°	°	°	°	°	°	°	°		Inches.	Inches.	Hrs.	Hrs.	%	%
0. SCOTLAND, N.	†Sumburgh Head (Deerness)	45	33	42·7	37·7	40·3	+ 1·0	2	16	4	0·39	− 0·55	5·0	− 1·0	12	− 2
	Wick	46	28	42·4	35·1	38·9	+ 0·8	1	25	2	0·02	− 0·57	*	*	*	*
	†Lairg (Strathpeffer)	44	26	39·6	31·8	35·9	+ 0·6	0	43	4	0·13	− 0·71	3·9	− 3·2	9	− 7
	Stornoway	49	32	46·4	38·9	42·8	+ 3·8	19	9	5	0·35	− 0·88	5·0	− 1·0	11	− 2
	Glencarron	52	27	45·3	35·9	40·8	+ 3·3	9	25	4	0·22	− 2·10	*	*	*	*
	Fort Augustus	48	31	44·7	36·3	40·7	+ 2·5	8	23	2	0·08	− 1·22	0·6	− 2·5	1	− 5
1. SCOTLAND, E.	Nairn	46	17	42·4	29·6	36·3	− 1·3	1	46	3	0·06	− 0·39	*	*	*	*
	Aberdeen	45	33	42·7	37·6	40·3	+ 2·5	2	17	5	0·78	+ 0·24	2·3	− 7·9	5	− 17
	Braemar												*	*	*	*
	Clathick												*	*	*	*
	†Leith (Edinburgh)	46	26	40·8	33 3	37·2	+ 0·3	0	34	5	1·29	+ 0·29	*	*	*	*
	Marchmont	47	30	42·3	35·9	39·2	+ 0·1	1	22	4	0·47	+ 0·07	0·7	− 5·3	2	− 11
		45	24	40·0	32·1	36·2	− 0·2	0	41	5	0·79	+ 0·20	2·7	− 5·5	6	− 11
2. ENGLAND, N.E. — Northern part.	†Alnwick Castle (Cockle Park)	48	30	42·1	34·9	38·6	+ 0·6	0	26	6	1·11	+ 0·56	3·7	—	7	—
	†Shields (Newcastle)	47	31	42·6	35·6	39·2	+ 0·7	2	24	6	0·76	+ 0·33	1·5	− 3·9	3	− 8
	Durham	46	28	39·7	33·8	36·9	− 0·5	0	36	6	0·86	+ 0·39	1·3	− 8·5	3	− 17
	Scarborough	47	34	42·4	37·8	40·2	+ 1·4	1	16	5	1·11	+ 0·62	2·7	—	5	—
	York												3·3	− 3·0	7	− 6
Southern part	†Spurn Head (Skegness)	45	34	41·9	37·9	40·0	+ 1·4	0	14	3	0·58	+ 0·23	3·7	—	7	—
	Lincoln	49	28	42·8	33·9	38·5	+ 1·3	2	30	6	0·92	+ 0·54	*	*	*	*
	†Fulbeck (Rauceby)	48	25	41·8	38·2	37·7	+ 1·2	0	30	5	0·99	+ 0·61	5·5	—	11	—
3. ENGLAND, E. — Northern part.	Hillington	48	29	42·8	35·0	39·1	+ 1·9	2	26	4	1·11	+ 0·63	4·5	− 5·1	9	− 11
	†Yarmouth (Lowestoft)	49	32	43·3	36·4	40·0	+ 2·2	4	22	3	1·37	+ 0·90	8·7	—	16	—
	Geldeston	52	30	44·7	36·4	40·7	+ 2·3	8	23	4	1·34	+ 0·94	7·5	− 4·0	14	− 8
Southern part.	Cambridge	53	29	44·9	36·7	41·0	+ 3·1	8	22	4	1·23	+ 0·88	6·5	− 3·7	12	− 7
	Felixstowe	49	32	44·9	36·9	41·1	+ 2·4	8	21	3	0·72	—	11·4	—	21	—
	Clacton-on-Sea	50	32	43·4	37·0	40·3	+ 2·1	4	19	3	0·43	—	5·9	—	11	—
	Rothamsted	52	28	44·2	35·2	39·9	+ 2·2	6	27	5	1·29	+ 0·74	6·4	− 3·6	12	− 7
	†Shoeburyness (Margate)	51	30	44·7	36·4	40·7	+ 2·2	8	23	3	0·50	+ 0·14	3·3	− 7·1	6	− 13
	London, Westminster	53	29	46·1	37·3	41·9	+ 2·7	11	21	4	0·99	—	2·1	− 1·9	4	− 4
4. MIDLAND COUNTIES. — Eastern part.	Harrogate	46	26	39·4	32·6	36·1	− 1·1	0	41	5	1·20	+ 0·63	2·9	—	6	—
	†Bawtry (Worksop)	47	29	41·4	34·6	38·1	+ 0·6	0	27	6	0·99	+ 0·55	1·2	− 6·1	2	− 12
	Nottingham	49	28	43·3	33·7	38·7	+ 0·9	4	31	5	0·97	+ 0·44	2·7	—	5	—
	†Colly Weston (Oundle)	55	26	44·7	33·3	39·2	+ 2·0	8	34	6	1·85	+ 1·45				
	Birmingham, Edgbaston	49	28	43·1	34·7	39·1	+ 0·9	3	28	6	1·69	+ 1·24	3·8	—	7	—
	Oxford	53	29	45·9	36·7	41·5	+ 2·7	11	23	6	1·37	+ 0·93	5·1	− 5·0	9	− 9
Western part.	Cheadle	48	27	40·9	32·9	37·1	+ 0·1	0	34	6	1·74	+ 1·13	*	*	*	*
	Shrewsbury	51	30	43·8	35·8	40·0	+ 1·7	5	24	6	1·30	—	*	*	*	*
	Hereford	51	28	45·4	36·0	40·9	+ 2·3	10	25	6	1·70	+ 1·16	*	*	*	*
	Cirencester	52	27	45·7	35·4	40·8	+ 2·9	10	27	5	1·61	+ 0·98	3·9	− 6·3	7	− 12
	Bath	55	31	48·4	38·6	43·7	+ 3·7	26	10	6	1·54	+ 0·94	3·0	—	6	—
5. ENGLAND, S.	†London, Brixton (Kew)	55	28	46·6	36·7	41·9	+ 2·6	13	24	4	0·91	+ 0·47	3·2	− 6·2	6	− 12
	Wisley, Surrey	53	30	47·0	37·6	42·5	+ 4·1	22	12	6	1·14	—	3·0	—	6	—
	Swarraton	52	30	46·0	38·3	42·3	+ 4·4	18	10	6	2·25	+ 1·55	*	*	*	*
	Tunbridge Wells	51	27	44·0	35·7	40·0	+ 2·4	6	25	6	1·94	+ 1·32	2·3	− 7·8	4	− 14
	†Dungeness (Littlestone)	52	31	46·1	38·4	42·4	+ 2·5	18	10	5	1·18	+ 0·73	4·8	—	9	—
	Hastings	52	31	45·9	39·4	42·8	+ 3·0	17	7	5	1·33	+ 0·72	5·5	− 7·9	10	− 14
	Southampton	53	34	48·4	41·5	45·1	+ 5·1	24	1	5	3·54	+ 2·87	6·1	− 5·2	11	− 9
	†Portland Bill (Bournemouth)	51	37	48·1	42·7	45·5	+ 5·0	25	0	7	2·75	—	5·4	—	10	—
6. SCOTLAND, W.	Laudale, Loch Sunart	50	32	46·0	39·0	42·6	+ 2·4	17	8	5	1·02	− 0·93	*	*	*	*
	Glasgow	47	30	42·2	36·3	39·4	+ 0·7	1	21	4	0·79	− 0·93	1·5	− 2·9	3	− 6
	Cally	46	29	43·8	36·2	40·2	+ 1·5	5	23	5	1·53	+ 0·45	*	*	*	*
	‡Aspatria	48	32	44·4	37·3	41·0	+ 3·4	7	19	5	0·67	0·00	3·5	—	7	—
	Douglas, Isle of Man	49	35	45·3	39·2	42·4	+ 1·3	15	8	7	1·27	+ 0·27	0·8	− 9·5	2	− 19
7. ENGLAND, N.W.	‡Aspatria	48	32	44·4	37·3	41·0	+ 3·4	7	19	5	0·67	0·00	3·5	—	7	—
	Newton Rigg	45	27	40·6	33·6	37·2	− 0·3	0	34	6	1·47	+ 0·70	1·0	− 7·6	2	− 15
	Stonyhurst	46	29	40·7	35·5	38·2	+ 0·2	0	27	6	0·80	− 0·15	0·2	− 7·1	0	− 14
	Blackpool	47	32	41·9	36·6	39·4	+ 0·8	0	18	6	1·27	+ 0·63	0·2	− 7·8	0	− 15
	Manchester, Prestwich	? 47	30	41·8	35·0	38·5	+ 0·3	0	25	6	1·24	+ 0·48	0·0	− 4·3	0	− 8
	†Liverpool Obs. (Hoylake)	48	30	43·0	34·9	39·1	− 0·7	3	27	5	1·38	+ 0·88	2·6	—	5	—
	†Hawarden Bridge (Chester)	49	31	44·7	36·5	40·8	+ 0·3	8	23	6	1·56	+ 1·17	5·0	—	10	—
NORTH WALES	Llandudno	57	34	47·0	39·6	43·5	+ 1·8	21	7	7	1·19	+ 0·55	4·5	− 5·9	9	− 11
	Holyhead	51	34	47·7	39·3	43·7	+ 1·5	23	8	7	1·34	+ 0·60	*	*	*	*
	Bettws-y Coed	49	31	46·3	36·1	41·4	+ 1·0	12	25	7	1·63	—	1·5	—	3	—
8. SOUTH WALES	Llangammarch Wells	50	27	45·7	35·1	40·6	+ 4·1	10	28	7	2·37	—	0·7	—	1	—
	Pembroke	51	34	48·9	41·0	45·1	+ 1·7	26	3	6	2·48	+ 1·64	8·2	− 3·4	15	− 6
	Cardiff	53	30	47·6	37·1	42·6	+ 1·6	25	14	7	2·54	+ 1·67	*	*	*	*
ENGLAND, S.W.	Clifton	54	30	47·3	38·7	43·2	+ 3·3	22	9	6	2·55	+ 1·85				
	†Shaftesbury (Marlborough)	51	30	45·7	37·9	42·0	+ 4·4	10	11	6	2·75	+ 2·08	1·5	− 7·5	3	− 14
	Arlington, N. Devon	53	33	48·1	39·1	43·8	+ 3·9	25	8	7	3·39	+ 2·27	*	*	*	*
	Cullompton	54	36	49·4	41·7	45·7	+ 5·8	27	1	7	3·23	+ 2·44	4·1	− 5·3	8	− 10
	Plymouth	53	37	50·6	44·0	47·4	+ 5·3	38	0	7	3·14	+ 2·32	4·5	− 6·7	8	− 12
	Falmouth	54	42	51·3	46·1	48·8	+ 4·7	48	0	7	2·86	+ 1·76	6·4	− 6·1	11	− 11
9. IRELAND, N. — Western part.	Malin Head	51	36	46·3	39·3	42·9	+ 1·2	18	8	4	0·22	− 0·44	*	*	*	*
	Edenfel	50	34	45·4	38·0	41·9	+ 3·9	10	18	7	0·97	+ 0·16	*	*	*	*
	Blacksod Point	52	37	49·7	42·4	46·2	+ 3·4	29	0	7	1·37	+ 0·21	*	*	*	*
	Markree Castle	52	35	47·3	39·9	43·8	+ 4·2	21	6	7	1·26	+ 0·37	8·7	+ 0·2	17	0
Eastern part.	Armagh	51	36	46·5	39·1	43·0	+ 3·7	19	8	7	0·83	+ 0·21	4·6	− 4·9	9	− 10
	Donaghadee	50	32	45·6	38·6	42·2	+ 1·4	16	10	7	0·99	+ 0·39	*	*	*	*
10. IRELAND, S. — Eastern part.	Dublin	52	39	48·7	41·1	45·1	+ 3·4	25	3	7	1·67	+ 1·16	4·6	− 8·0	9	− 15
	Kilkenny	54	38	49·0	41·7	45·5	+ 4·6	26	1	5	1·54	+ 0·78	*	*	*	*
	Waterford	52	37	49·6	41·9	45·9	+ 4·8	28	0	6	2·33	+ 1·41	*	*	*	*
Western part.	Birr Castle	53	37	49·3	40·9	45·3	+ 5·7	28	3	7	0·80	+ 0·13	9·6	− 1·3	19	− 3
	Foynes									7	1·60	+ 0·68	*	*	*	*
	Killarney	54	41	51·7	44·9	48·4	+ 5·2	45	0	7	2·78	+ 1·27	*	*	*	*
	Valencia	55	42	52·3	47·0	49·8	+ 5·1	55	0	7	3·54	+ 2·18	2·7	− 7·7	5	− 14
	Roches Point	51	40	50·1	45·4	47·8	+ 4·0	41	0	7	2·50	+ 1·35				
11. CHANNEL ISLANDS	Scilly, St. Mary's	53	45	52·3	46·9	49·7	+ 3·2	54	0	7	1·34	+ 0·54	11·5	− 1·5	21	− 3
	Jersey, St. Aubyn's (St. Heliers)	55	36	50·3	43·1	46·8	+ 4·0	34	0	7	1·33	+ 0·57	7·4	− 7·1	13	− 12
	Guernsey	54	36	49·6	45·0	47·4	+ 3·8	38	0	6	1·22	+ 0·38	8·9	− 2·2	16	− 4

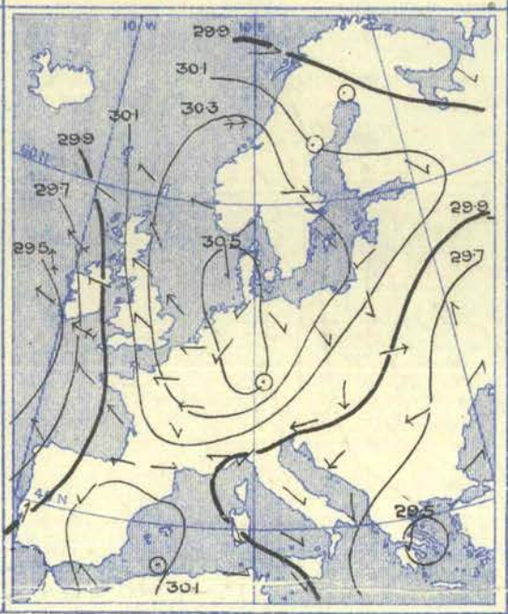
† There is no Sunshine Recorder in use at this Station. The figures entered for Sunshine are those recorded at a neighbouring Station of which the name is given in brackets.
* An Asterisk is inserted in all places for which the information is not usually given.
‡ This station is included in two districts to facilitate the compilation of values for the Agricultural divisions of the country adopted by the Board of Agriculture, as well as the Forecast districts of the Meteorological Office.

Sunday, 31st December, 1905.

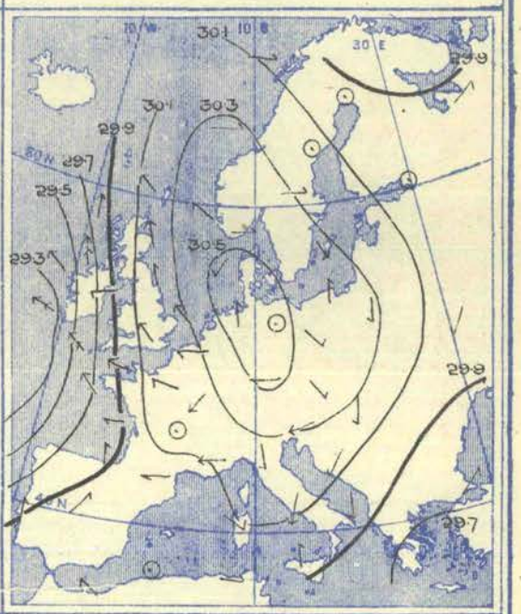
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



Weather at 8 a.m. fair or fine and bright in many parts of Scandinavia, Germany, France, and the Mediterranean region; cloudy or dull elsewhere, with rain in the south of Ireland and at Lisbon, and snow at Cracow, Warsaw, and Swinemünde. Very little precipitation over Europe as a whole during day, but nearly an inch experienced at Valencia Island.

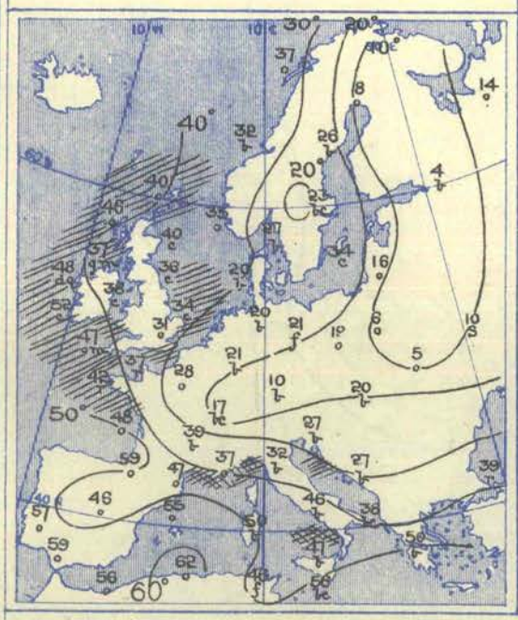
Temperature fallen in most places, but risen in Ireland, Scotland, Scandinavia, and Portugal. Morning readings much below the freezing point over all the central and northern countries, and as low as -10° at Archangel. Above 50° at several stations in the far south, and above 60° at Corunna. Maxima during day very low over the major portion of the Continent, and only 32° at some of our own stations, but thermometer rising to 64° at Biarritz and to 68° at San Fernando and on the coast of Algeria.

Wind strong to a gale from the South-Eastward over these Islands and their immediate neighbourhood, strong from the Southward in Portugal, and fresh or strong from between North-West and North-East over the western part of the Mediterranean and the Adriatic. A fresh gale from West prevailing at Christiansund. Increasing in force to a strong gale at some of the western stations and to a whole gale at Roche's Point. Not much change on the Continent; gale at Christiansund subsiding.

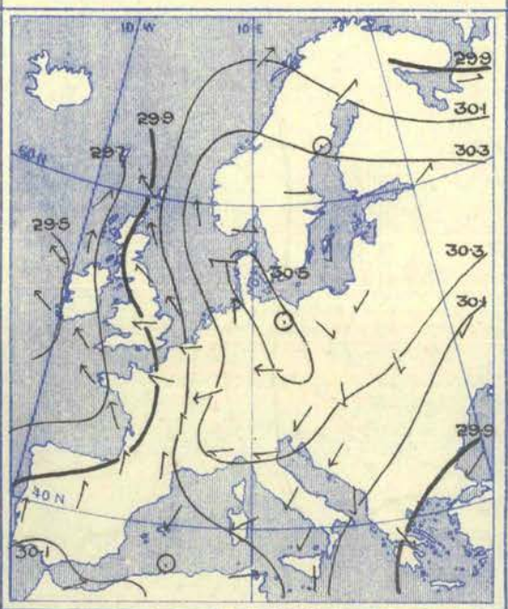
Barometer risen very quickly over the central countries and fallen about two-tenths of an inch in the west of Ireland. Gradients steep over our Islands and the Bay of Biscay, and very steep to the northward of Italy. Readings in morning ranging from above 30·5 ins. over Denmark and the adjacent portion of Germany, to 29·6 ins. in Little Russia, and to below 29·5 ins. off our own south-west coasts and over the south of Greece. Little change later except a steady decrease of pressure over this country, France, and the Bay of Biscay.

Monday, 1st January, 1906.

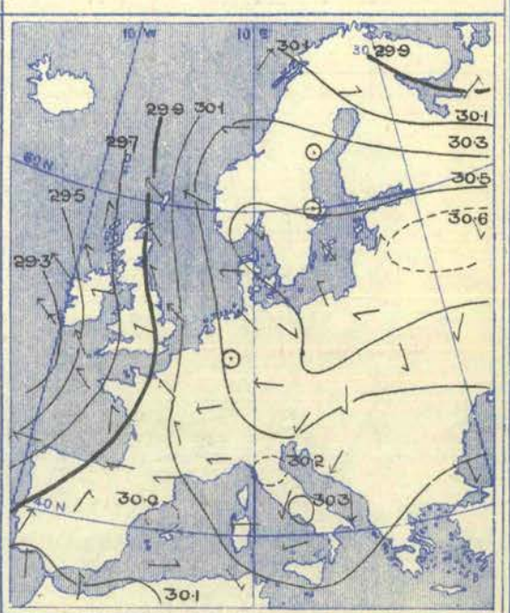
Temperature and Weather 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



Weather at 8 a.m. fine in almost all parts of southern and central Europe, and also in many northern regions. Cloudy or dull over these Islands and the north and west of France, with rain at several stations; rain also falling at Constantinople. Rain experienced later in the west and south of this country and in the west of France, as well as at Perpignan and Palermo. Snow falling at Lemberg, and a small quantity of rain or snow at Florence.

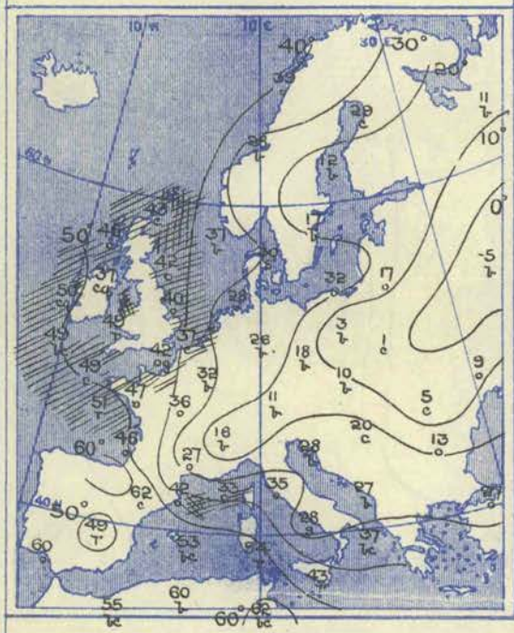
Temperature risen in many parts of France and Scandinavia, and fallen at most of our own stations. Morning readings below 20° in most of the central, eastern, and north-eastern regions of Europe, and as low as 5° and 4° respectively at Lemberg and St. Petersburg. Below the freezing point in many parts of England, but above 50° in the south of Ireland. Above 55° at many stations in the west and south-west of the Spanish Peninsula, and above 60° in Algeria. Rising subsequently to 68° at Oran and Algiers, and to 70° at Nemours. Severe frost continuing all day in the central countries; maximum only 10° at Lemberg.

Wind at 8 a.m. moderate or fresh from the Southward over the Spanish Peninsula, and fresh or strong to a gale from the South-Eastward over the greater part of France and the United Kingdom. Light or moderate breezes from variable directions prevailing over the Mediterranean, and an irregular anticyclonic movement over the central countries. Not much change later except some increase in force over our Islands.

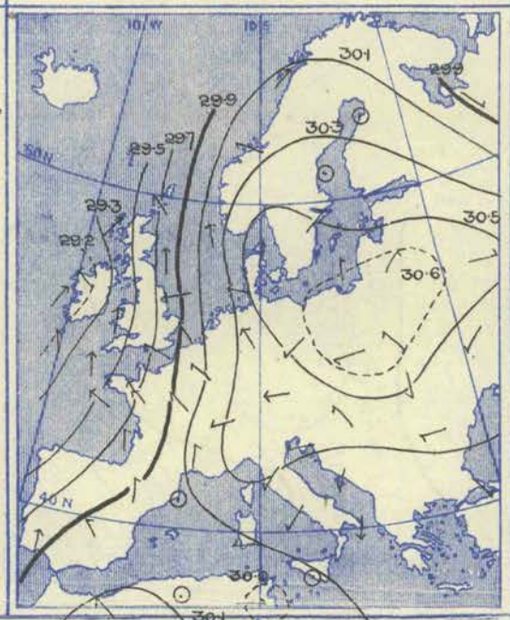
Barometer in morning decreasing from 30·5 ins. in a high pressure system having its central space over Denmark and Germany, to about 29·9 ins. both in the extreme south-east and north-east of Europe, and to below 29·5 ins. over the west coast of Ireland. Barometer falling during day over our Islands and gradients becoming steeper very generally. Continental anticyclone showing some disposition to expand eastwards.

Tuesday, 2nd January, 1906.

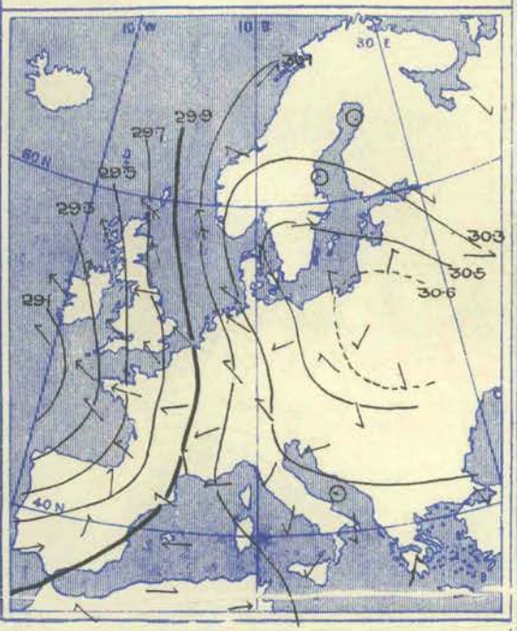
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



Weather at 8 a.m. fine and bright in nearly all the central and northern regions of the Continent, as well as on the shores of the Adriatic and in Algeria. Cloudy or overcast elsewhere, with rain in the south of England, at some stations in the Spanish Peninsula, and at Cagliari and Palermo, and snow at Rome and Skagen. Rain experienced later over the west and south of our Islands and over France, as well as at Madrid, Palermo, and Malta. Amounts heavy in places, as much as 0·9 in. at Pembroke and 1·4 in. at Lyons.

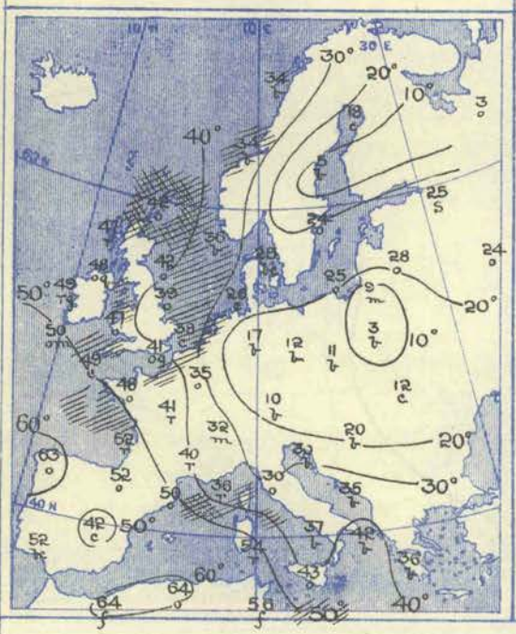
Temperature risen over our Islands and the other western countries, and also at Haparanda. Readings in morning as high as 62° at Biarritz and Tunis and 60° at Lisbon. Below 20° nearly all over central Europe and Russia and at several Swedish stations, and as low as −5° at Moscow. Lowest value in our Islands, 37° at Great Yarmouth. Rising later to 54° at Valencia Island, to 63° at Biarritz, 68° at Nemours, and to 72° at Algiers. Frost continuing all day over the central and northern regions; maximum at Lemberg only 8°.

Wind in morning showing a vast anticyclonic circulation around Poland and the Baltic Provinces of Russia, and a Southerly to South-Easterly current over all the western countries. A strong breeze or moderate gale prevailing in many parts of our Islands, and a fresh gale at Wick and Donaghadee. No change of importance later excepting the springing up of a fresh gale from South-South-East at Skudesnaes.

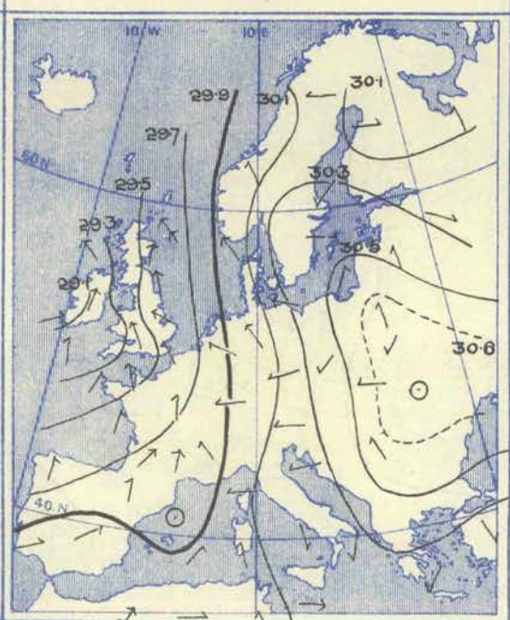
Barometer at a.m. ranging from 30·65 ins. at Warsaw and Memel, to less than 30·0 ins. at Tunis, and to below 29·2 ins. off the west and north-west of Ireland. Gradients steep over the western regions of Europe generally, especially over the North Sea and Great Britain. No change in the general distribution later, but barometer continuing to fall over these Islands and France, and the decrease of pressure extending eastwards to Germany and Denmark. Barometric gradient becoming rather steeper over the latter country.

Wednesday, 3rd January, 1906.

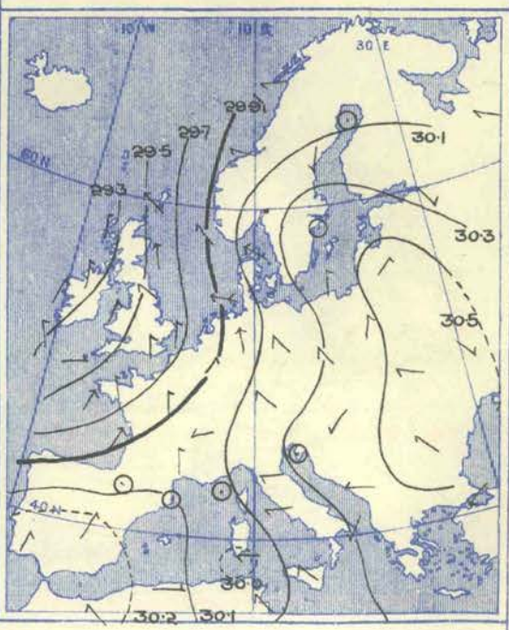
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



Weather at 8 a.m. fine and bright in many localities in the far south of our area and also over the greater portion of central Europe and Scandinavia. Cloudy or dull elsewhere, with rain in several parts of Great Britain and France, at Oporto and Cagliari, and snow at St. Petersburg. Considerable or heavy rain falling later in these Islands and France, and also at some stations in the Mediterranean region.

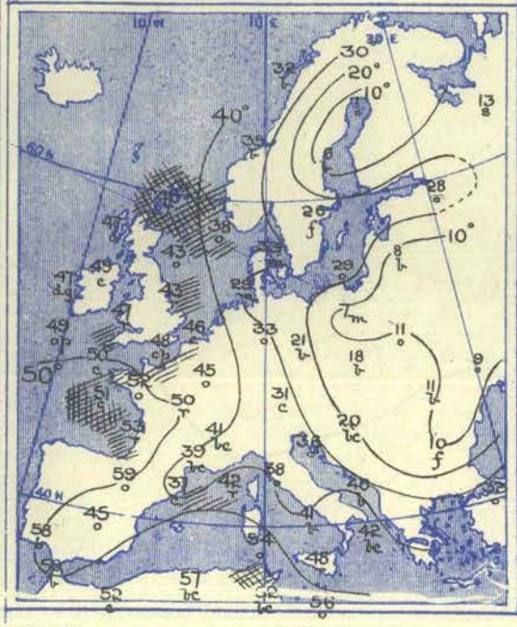
Temperature risen at a few southern stations, but fallen over our area as a whole. Morning readings above 50° at many places in the south, and as high as 63° at Corunna and 64° at Algiers; nearly 50° in Ireland and Wales. As low as 30° at Rome and Florence, and below that value over the Continent generally. Lowest readings, 3° at Archangel and Warsaw, and 2° at Neufahrwasser. Thermometer no higher than 32° at Athens. Maxima during day, 64° at San Fernando, 68° at Nemours and Algiers, and 59° at Biarritz. Frost continuing all day in the central and northern countries, and thermometer only rising to 32° at Turin.

Wind in morning South-Westerly or Southerly over the Spanish Peninsula and France, and South-Easterly over this country and the North Sea region. A fresh gale blowing at Donaghadee, in the north-east of Scotland, and to the eastward of the North Sea, and wind possessing considerable force in most other places. Light to moderate or fresh breezes mainly from the Northward prevailing over Italy and Greece. Wind decreasing somewhat in force at most of our own stations during day; little other change.

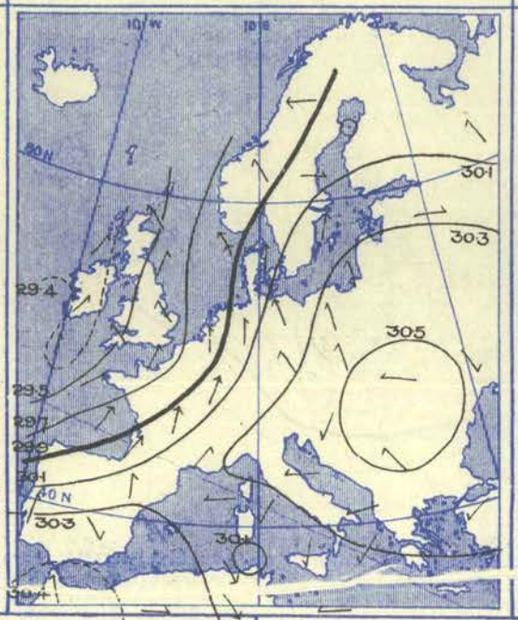
Barometer at 8 a.m. above 30·6 ins. in an anticyclone having its centre over Poland and the adjacent portion of Russia, and as low as 29·1 ins. on the north-west coast of Ireland. A secondary depression shown over the south of France. Gradients rather steep over the western countries, moderate or slight elsewhere. Anticyclone decreasing somewhat in intensity later and receding eastwards, and pressure increasing steadily over France, the Bay of Biscay, and our own south-west districts. Gradient decreasing over our Islands.

Thursday, 4th January, 1906.

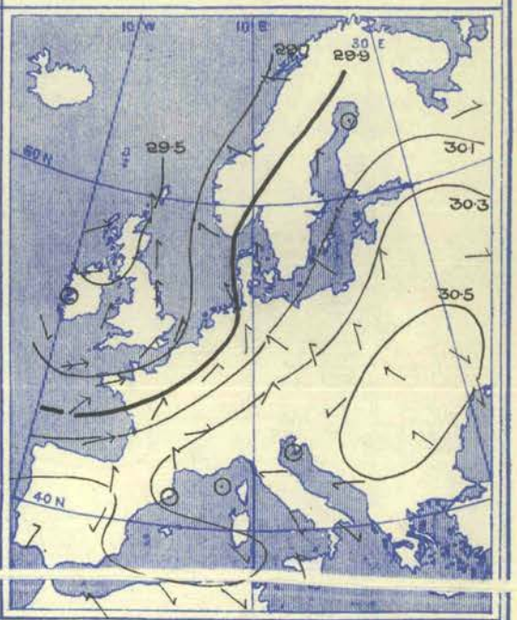
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



Weather at 8 a.m. cloudy or entirely overcast in most regions, but fine and bright in many parts of central Europe and Scandinavia, and also at a few stations in the extreme south of our area. Rainy at various localities in these Islands and France, as well as in Sicily. Snow falling at Archangel. Rain becoming very general later over all the countries of north-western Europe; about half an inch falling in the south-east of England and an inch at Nantes and Bordeaux. A thunderstorm occurring at Portland Bill between five and six on the succeeding morning.

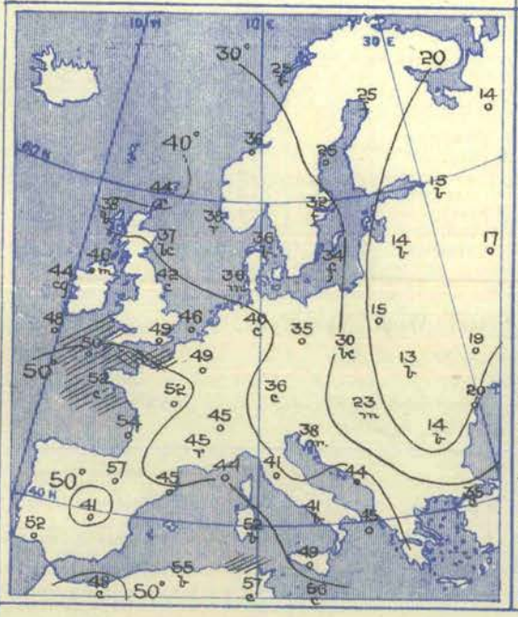
Temperature risen in most western regions, changed little elsewhere. Readings in morning as high as 62° at Bilbao, 59° at La Calle, and only slightly below 50° over the southern part of this country. Less than 32° over the greater part of the Continent, and below 15° at many stations; lowest values, 7° at Neufahrwasser and 6° at and 1° at Hernösand and Haparanda respectively. Maxima during day slightly above 60° at some stations in the extreme south and a little above 50° in many parts of the United Kingdom. Frost continuing all day in several parts of central and northern Europe.

Wind in morning moderate to fresh or strong from South-West over the Bay of Biscay, France and a good part of this country, and from the Southward or South-Eastward over Denmark and Norway. A complete cyclonic circulation shown around Sardinia and an anticyclonic movement over Russia. Wind veering to the North-Westward in the south of Ireland by evening and increasing to a fresh gale from West-South-West in the Scilly Isles; very little change elsewhere.

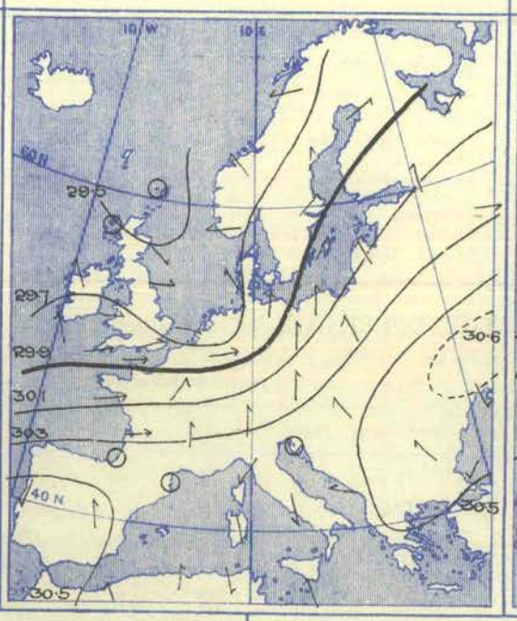
Barometer at 8 a.m. ranging from 30·5 ins. and above in an anticyclone centred over Transylvania and its neighbourhood, to 30·06 ins. at Cagliari, and to a little below 29·4 ins. on our western coasts. Above 30·4 ins. in a small high pressure system over Morocco. Barometer rising briskly later over the Mediterranean and the Spanish Peninsula, and also along our own western coasts. A depression of little depth travelling eastwards across the United Kingdom. Russian anticyclone maintaining its position.

Friday, 5th January, 1906.

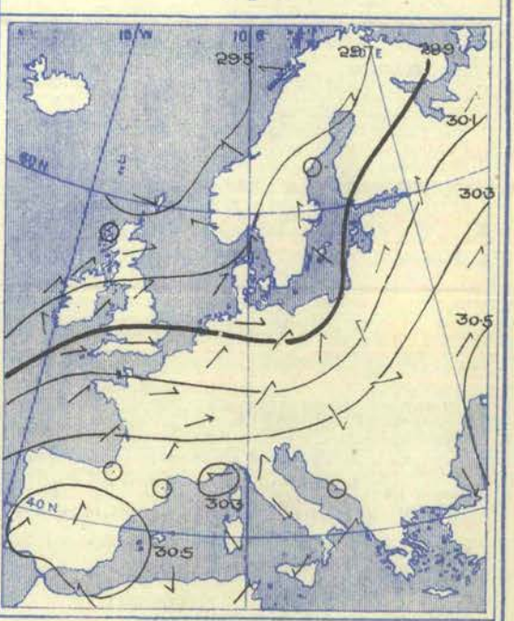
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



Weather at 8 a.m. fine and bright at some Scottish stations and also in various places in the central and southern countries. Cloudy or quite overcast as a whole, with rain at Le Mans, at some English stations, and in the Shetlands. Heavy rain later in the United Kingdom and the north of France, and smaller quantities in many other regions—largest amounts, 0·8 in. at Liverpool and Holyhead and 0·9 in. at Pembroke.

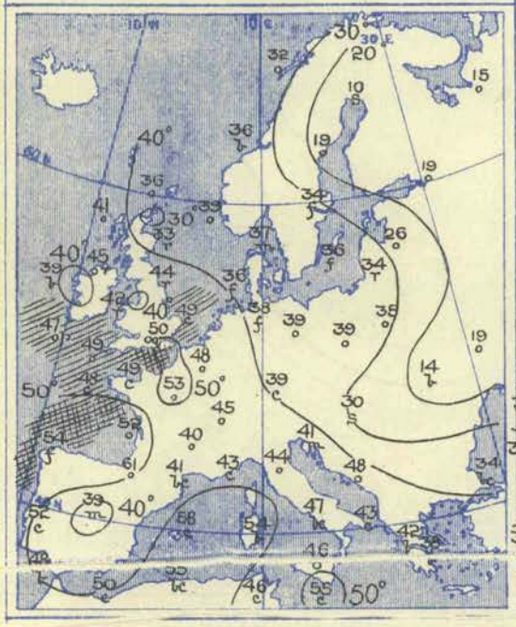
Temperature risen in most localities, rapidly in the north of Sweden. Readings in morning, 54° at Jersey and above 50° on the west coast of France and at some stations on the shores of the Mediterranean. Below 20° over the central and eastern countries, and as low as 2° at Turin. Lowest values, 14° at Hermanstadt and St. Petersburg and 13° at Lemberg. Rising later to 70° at Bilbao, 68° at San Fernando and Algiers, and to above 60° at several other Mediterranean stations. Frost continuing all day in northern Europe and at some central stations, as well as at Turin.

Wind at 8 a.m. moderate to fresh or strong from the Westward over the Bay of Biscay, France, and the greater part of this country, moderate from the Southward over the central parts of Europe and the Baltic, and from South-East and East in Norway. Light variable airs prevailing in the Mediterranean region and over Russia. No great change by evening except in the west of Ireland, where wind backed to South-East.

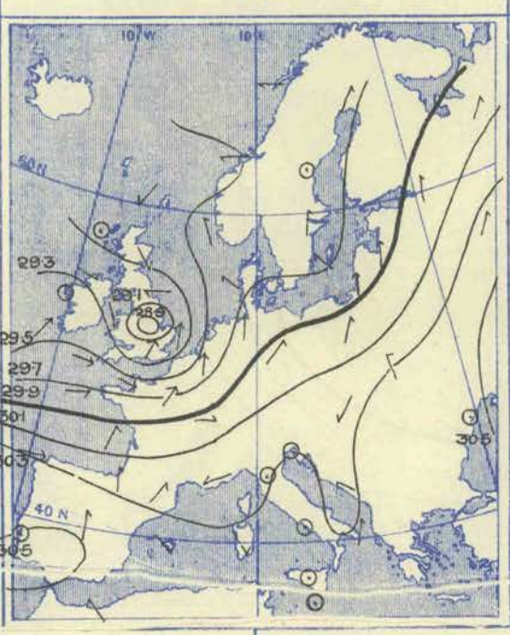
Barometer at 8 a.m. above 30·6 ins. in the south of Russia and above 30·5 ins. over the greater part of the Spanish Peninsula; decreasing to below 29·5 ins. in the north of Scotland and over the neighbouring parts of the Atlantic; gradient steepest over central Europe and France. Little change as a whole during day, but a brisk fall of the barometer commencing in the south-west of Ireland by evening, and gradients increasing on our south-west coasts generally.

Saturday, 6th January, 1906.

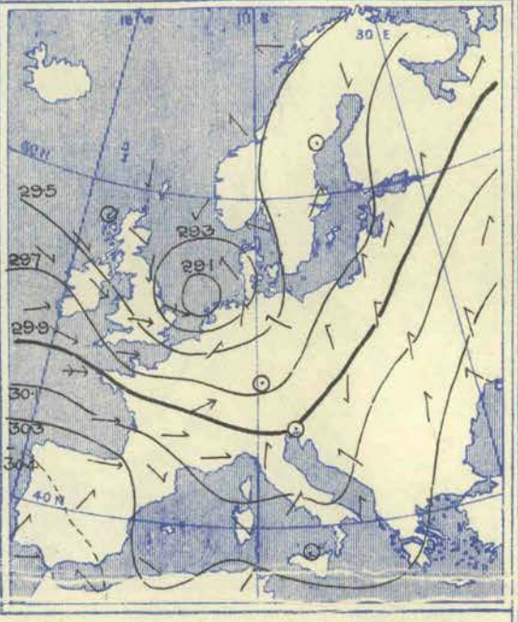
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



Weather at 8 a.m. extremely rough and squally over our Islands and their neighbourhood, with steady rain or passing showers in many places. Cloudy or overcast in most other regions, with rain at Oporto and snow at Haparanda. Fine and bright in Algeria and in some other localities in the far south. Rain experienced later in nearly all parts of our area, and thunderstorms in the east of France. Heaviest rainfall, 0·9 in. at Hamburg.

Temperature in morning a little above 60° at Biarritz and Bilbao, and above 50° at many southern stations. Below the freezing point over Russia, nearly all of Sweden, and at Wick. Lowest readings, 14° at Lemberg, 10° at Haparanda, and 8° at Moscow. Thermometer rising during day to a little above 70° in Algeria and the south of Spain, and to 64° at Palermo. Maxima above 55° in the south generally, and as high as 50° in the south and south-west of these Islands. Frost all day in the east and north-east of Europe.

Wind in morning circulating cyclonically over these Islands and their vicinity, the Westerly and South-Westerly current blowing with the force of a moderate to strong gale over the Channel and the southern counties of England. Increasing to a gale from the Southward later over Holland and North Germany, and veering to the Westward and maintaining the force of a moderate to strong gale over England.

Barometer at 8 a.m. ranging from above 30·5 ins. in the south of Russia and from nearly as high a point in the south of Spain to about 28·9 ins. in a deep cyclonic disturbance having its centre over Lincolnshire. Gradient unusually steep over the southern halves of England and the North Sea, and very steep over the Netherlands and the north of France. Depression travelling almost due east during day and pressure increasing decidedly over our western and south-western districts and the west of France. Baric rise checking at Valencia Island by evening.

IV.—BRIGHT SUNSHINE Values for the Week, in addition to those found on page 2.

	STATIONS.	No. of Hours recorded.	Difference from the Mean for the Week.	Percentage of Possible Duration	Difference from the Mean for the Week.
1.	Crathes	4·3	—	9	—
	Balruddery	3·2	—	7	—
2.	Saltburn-by-the-Sea	1·4	—	3	—
	York	—	—	—	—
3.	Cromer	9·8	—	19	—
	Dunmow	4·0	—	7	—
4.	Sheffield	1·5	—	3	—
5.	London, Bunhill Row	0·1	− 2·9	—	− 5
	Ramsgate	10·6	—	19	—
	Eastbourne	5·9	− 6·4	11	− 12
	Brighton	6·8	− 5·0	12	− 9
	Worthing	6·1	—	11	—
	Bognor	6·1	—	11	—
	Ventnor Hospital	4·7	− 8·3	8	− 15
6.	Southport	1·6	—	3	—
	Rhyl	4·7	—	9	—
	Aberdovey	2·2	—	4	—
	Aberystwyth	5·0	—	9	—
7.	Tenby	6·9	− 4·8	13	− 9
	Torquay	8·0	− 5.0	14	− 9
	Newquay	9·4	− 1·9	17	− 8

V.—OBSERVATIONS IN THE UPPER AIR.—Temperature, Humidity and Wind Velocity.

Date of Observation.	Station and its Height above M.S.L.		Heights in feet above Mean Sea Level.							Remarks.
			Ground Level.	1,660.	3,320.	5,000	6,660.	8,320.	10,000.	
1906. January 1st 11.40 am.	Ditcham Park, Petersfield, 300 ft.	Temperature F.	30°	23°	35°	34°				Remarkable temperature inversion. 22° at 1,800 ft., 37° at 2,700 ft. No change of humidity during descent.
		Humidity	90	90	70	90				
		Wind Velocity, m. per h.	ESE.							
January 3rd 11.45 a.m.	Oxshott, 200 ft.	Temperature F.	44·5°	40°	38°	32°	29°			Drizzling rain throughout. Cloud level 600 ft. Max. height, 7,300 ft. Temperature, 28°. Cloudy, with occasionally slight break.
		Humidity	100	100	100	100	100			
		Wind Velocity, m. per h.	10, SSE.	30, S.	30, S.	28, S.	26, S.W.			
January 4th 11.15 a.m.	Oxshott, 200 ft.	Temperature F.	48°	41°	35°	32°				Cloud level at 5,200 ft. Temperature, 30° at 5,500 ft. Wind direction, variable. Heavy rain.
		Humidity	100	90	100	100				
		Wind Velocity, m. per h.	8, SSW.	25, SSW.	25, SSW.	30, SSW.				
January 5th 3.30 p.m.	Oxshott, 200 ft.	Temperature F.	50°	44°	39°	32°				Clouds at 2,400 ft. on ascent, over 3,000 ft. on descent.
		Humidity	95	100	100	100				
		Wind Velocity, m. per h.	8, SW. by W.	30, W. by S.	30, W.	33, W.				

62, Victoria Street, London, S.W.
January 10th, 1906.

W. N. SHAW,
Director.

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TWENTY-NINTH YEAR. Vol. XXIII. (New Series.) } No. 2. SECOND WEEK, ENDING SATURDAY, JANUARY 13TH, 1906. [Price 6d. Annual Subscription post paid £1 10s. 0d.

SUPPLIED FOR THE PUBLIC SERVICE

I.—GENERAL REMARKS.

Weather was extremely unsettled in all parts of the Kingdom. Rain was general and at times heavy, but there were several fair intervals, especially over England and Ireland. Thunderstorms with hail were experienced very generally in the south-west of Ireland and the southern counties of England on Tuesday, at Portland Bill on Wednesday, at Glencarron and Laudale on Friday, and at Blackpool and Aberystwyth on Saturday.

Rainfall exceeded the average in all districts, both in frequency and amount. Except in the east of Scotland and north-east of England the excess was large.

Temperature was a degree below the average in Scotland N., but in all other parts of the Kingdom it was again above the normal, the excess in England S. amounting to as much as 4°·6. The highest of the maxima, which were recorded on rather irregular dates, ranged from 54° in England E. and 53° in several other districts, to 45° in Scotland N. The lowest of the minima occurred on the 7th in Scotland, but much later in the week over the Kingdom generally; they were as low as 23° and 24° respectively in Scotland N. and E., and elsewhere ranged from 27° in England S.W., to 33° in England N.W., and to 36° in the Channel Islands.

Bright Sunshine exceeded the average duration over Ireland and in most parts of England, and equalled it in Scotland and in England N.E. and N.W. The percentage of the possible duration varied from 12 in Scotland N. and 14 in Scotland W., to 35 in England E., and to 37 in England S.

Barometer and Wind. Throughout the week the pressure was highest, either to the south-eastward or southward of the United Kingdom, and lowest to the westward or northward. Except at the commencement of the period, when a complex depression traversed these Islands in an easterly direction, the centres of the cyclonic disturbances moved north-eastwards outside our western and northern coasts. The baric gradient was often steep, and the Southerly to Westerly winds consequently blew with considerable strength. In the east they rarely exceeded the force of a strong breeze, but along the west and south-west coasts gales were experienced on several occasions.

SUMMARY OF TEMPERATURE, RAINFALL, AND DURATION OF BRIGHT SUNSHINE IN THE UNITED KINGDOM, FOR AGRICULTURAL AND SANITARY PURPOSES.

THE WEEK (2nd)—January 7th to 13th, 1906.

DISTRICTS. (See p. 8.)	Temperature. Highest.	Lowest.	Means of: Daily Max.	Daily Min.	Daily Mean.	Difference from Av. (35 Yrs.)	Accumulated. Number of Day-Degrees. Above 42°	Difference from Av. (25 Yrs.)	Below 42°	Difference from Av. (25 Yrs.)	Rainfall. Number of Rain-Days.	Diff. from Av. (35 Yrs.)	Total Fall.	Difference from Average (35 Yrs.)	Sunshine. Hours recorded.	Diff. from Av. (25 Yrs.)	Percentage of Possible Duration.	Diff. from Av. (25 Yrs.)
	°	°	°	°	°	°	Day-deg.	Day-deg.	Day-deg	Day-deg.			Inches.	Inches.			%	%
0. SCOTLAND, NORTH ..	45	23	40·9	32·4	36·8	− 1·0	0	− 7	36	+ 2	6	+ 1	1·78	+0·60	5	0	12	0
Eastern 1. SCOTLAND, EAST ..	47	24	42·5	33·6	38·2	+ 0·7	1	− 7	31	− 9	5	+ 1	0·74	+0·15	9	0	18	0
Eastern 2. ENGLAND, N.E. ..	48	31	44·2	36·2	40·3	+ 2·6	6	− 2	23	− 12	5	+ 2	0·58	+0·18	14	0	26	0
Eastern 3. ENGLAND, EAST ..	54	31	46·5	36·7	41·8	+ 3·7	13	+ 5	23	− 17	6	+ 2	1·08	+0·67	19	+ 9	35	+17
Eastern 4. MIDLAND COUNTIES	53	28	46·1	36·1	41·3	+ 3·3	11	+ 1	25	− 16	6	+ 2	1·15	+0·66	17	+ 9	31	+17
Eastern 5. ENGLAND, SOUTH ..	53	28	48·6	38·1	43·6	+ 4·6	28	+17	11	− 20	6	+ 2	1·34	+0·78	21	+10	37	+17
Western 6. SCOTLAND, WEST ..	48	31	44·3	37·2	40·9	+ 1·8	6	− 4	19	− 9	6	+ 2	1·82	+0·73	7	0	14	0
Western 7. ENGLAND, N.W. ..	51	33	45·8	38·4	42·3	+ 3·0	17	+ 8	10	− 19	6	+ 2	1·29	+0·64	10	0	18	0
Western 8. ENGLAND, S.W. ..	53	27	48·4	38·6	43·7	+ 3·4	26	+ 9	10	− 12	6	+ 2	2·07	+1·22	15	+ 6	28	+10
Western 9. IRELAND, NORTH ..	51	30	44·9	36·2	40·8	+ 0·5	8	− 5	24	− 2	7	+ 2	1·50	+0·72	12	+ 3	24	+ 5
Western 10. IRELAND, SOUTH ..	53	30	48·2	38·4	43·5	+ 1·5	26	+ 6	10	− 9	7	+ 2	1·44	+0·48	15	+ 2	26	+ 4
11. CHANNEL ISLANDS..	53	36	50·9	43·7	47·4	+ 3·4	38	+12	0	− 9	7	+ 3	1·89	+1·11	19	+ 6	32	+10

THE SEASON (**Winter**).—Aggregates, &c., for the Period of 6 Weeks, December 3rd, 1905, to January 13th, 1906.

0. SCOTLAND NORTH ..	55	20	*	*	*	*	68	+20	114	− 69	30	− 1	6·07	−1·16	30	− 3	11	− 1
Eastern 1. SCOTLAND, EAST ..	55	17	*	*	*	*	71	+22	124	−100	24	+ 1	3·01	−0·89	48	− 2	17	− 1
Eastern 2. ENGLAND, N.E. ..	55	25	*	*	*	*	61	+ 3	115	− 76	17	− 5	1·91	−1·05	57	− 1	19	0
Eastern 3. ENGLAND, EAST ..	57	25	*	*	*	*	47	−15	150	− 64	19	− 5	2·93	+0·11	59	0	19	0
Eastern 4. MIDLAND COUNTIES	57	25	*	*	*	*	59	− 9	148	− 73	22	0	3·27	+0·02	56	− 2	18	− 1
Eastern 5. ENGLAND, SOUTH ..	57	23	*	*	*	*	98	+ 9	85	− 74	22	0	3·96	+0·31	58	− 5	18	− 2
Western 6. SCOTLAND, WEST ..	54	25	*	*	*	*	86	+13	68	− 78	29	+ 2	6·37	−1·15	44	− 4	15	− 1
Western 7. ENGLAND, N.W. ..	57	27	*	*	*	*	90	+15	74	− 76	23	− 2	3·54	−0·99	56	+10	18	+ 3
Western 8. ENGLAND, S.W. ..	55	22	*	*	*	*	125	+ 5	67	− 43	23	− 3	6·46	+0·89	64	− 3	20	− 1
Western 9. IRELAND, NORTH ..	54	30	*	*	*	*	119	+30	42	− 94	34	+ 4	5·31	+0·25	57	+ 5	19	+ 2
Western 10. IRELAND, SOUTH ..	56	25	*	*	*	*	188	+52	17	− 85	30	+ 3	5·81	−0·29	53	−15	17	− 5
11. CHANNEL ISLANDS..	55	35	*	*	*	*	201	+12	3	− 32	27	0	4·56	−0·62	77	0	23	0

THE YEAR.—Aggregates, &c., for the period of 2 Weeks, December 31st, 1905, to January 13th, 1906.

0. SCOTLAND, NORTH ..	52	23	*	*	*	*	4	−11	59	− 7	10	0	1·98	−0·40	9	− 2	10	− 3
Eastern 1. SCOTLAND, EAST ..	47	17	*	*	*	*	1	−15	60	− 19	9	+ 1	1·42	+0·24	12	− 6	12	− 7
Eastern 2. ENGLAND, N.E. ..	49	25	*	*	*	*	6	−11	46	− 22	10	+ 3	1·48	+0·64	17	− 6	17	− 6
Eastern 3. ENGLAND, EAST ..	54	28	*	*	*	*	19	+ 2	45	− 33	10	+ 2	2·08	+1·23	25	+ 6	23	+ 5
Eastern 4. MIDLAND COUNTIES	55	26	*	*	*	*	16	− 5	53	− 27	12	+ 4	2·60	+1·59	20	+ 3	19	+ 3
Eastern 5. ENGLAND, SOUTH ..	55	27	*	*	*	*	47	+24	20	− 40	12	+ 5	3·22	+2·08	25	+ 3	23	+ 2
Western 6. SCOTLAND, WEST ..	50	29	*	*	*	*	12	− 9	37	− 17	11	+ 2	2·88	+0·67	9	− 6	9	− 6
Western 7. ENGLAND, N.W. ..	57	27	*	*	*	*	22	+ 2	32	− 24	12	+ 4	2·55	+1·23	12	− 6	11	− 6
Western 8. ENGLAND, S.W. ..	54	27	*	*	*	*	50*	+15	15	− 28	13	+ 5	4·88	+3·17	21	+ 1	19	+ 1
Western 9. IRELAND, NORTH ..	52	30	*	*	*	*	27	0	31	− 19	14	+ 4	2·44	+0·87	19	+ 1	18	0
Western 10. IRELAND, SOUTH ..	56	30	*	*	*	*	58*	+17	10	− 26	14	+ 5	3·54	+1·60	21	− 3	20	− 3
11. CHANNEL ISLANDS..	55	36	*	*	*	*	80	+26	0	− 16	14	+ 5	3·19	+1·61	28	+ 2	24	+ 2

* This value has been altered owing to the receipt of further information.

Bright Sunshine.—For certain of the Districts the values of Bright Sunshine in this Table are based on the records from a part only of the Stations included in the Tables under II. and IV. For certain of the Stations Mean Values are not available, and for the Districts containing these Stations the "Differences from Mean" are based on the records from a smaller number of Stations than those supplying the values for "Hours Recorded."

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II.—DATA from which the SUMMARY on page 7 has been calculated.

January 7-13, 1906.		Temperature. In Degrees Fahrenheit.								Rainfall.			Bright Sunshine.			
Districts.	Names of Stations.	Highest observed.	Lowest observed.	Averages for the Week. Of Highest each day.	Of Lowest each day.	For whole of each day.	Difference of Daily Average from Mean for the Week.	Accumulated Heat for the Week (in Day-degrees). Above 42°	Below 42°	Number of Rain-Days.	Rainfall in the Week.	Difference from the Mean for the Week.	Number of Hours recorded.	Difference from the Mean for the Week.	Percentage of possible duration.	Difference from the Mean for the Week.
		°	°	°	°	°	°	Day-deg	Day-deg		Inches.	Inches.	Hrs.	Hrs.	%	%
0. SCOTLAND, N.	†Sumburgh Head (Deerness)	44	31	42·3	34·3	38·5	− 0·6	1	29	7	1·22	+ 0·29	10·9	+ 4·8	24	+ 11
	Wick	45	28	41·7	31·9	37·0	− 1·0	0	35	3	0·34	− 0·22	*	*	*	*
	†Lairg (Strathpeffer) ⚷	41	23	36·9	28·5	32·9	− 2·3	0	64	6	0·97	+ 0·17	*	*	*	*
	Stornoway ⚷	45	31	42·9	33·9	38·6	− 0·3	3	30	6	2·09	+ 0·89	4·6	− 1·6	10	− 4
	Glencarron ⚷	44	29	41·1	33·0	37·2	− 0·2	0	34	6	3·58	+ 1·27	*	*	*	*
	Fort Augustus ⚷	44	27	40·6	32·7	36·8	− 1·4	0	36	6	2·49	+ 1·21	0·7	− 2·7	2	− 6
1. SCOTLAND, E.	Nairn	45	24	42·6	31·3	37·2	− 0·3	2	40	6	0·67	+ 0·24	*	*	*	*
	Aberdeen	45	32	41·4	34·1	37·9	+ 0·1	0	29	2	0·06	− 0·45	10·0	− 0·3	21	− 2
	Braemar ⚷												*	*	*	*
	Clathick ⚷	44	29	42·0	32·3	37·3	+ 0·4	0	33	7	2·06	+ 1·04	*	*	*	*
	†Leith (Edinburgh) ⚷	47	33	43·9	36·4	40·3	+ 1·2	5	22	5	0·51	+ 0·11	7·3	+ 0·9	15	+ 2
	Marchmont ⚷	45	30	42·4	34·0	38·4	+ 2·1	1	30	4	0·33	− 0·18	8·1	− 0·4	16	− 1
2. ENGLAND, N.E. — Northern part.	†Alnwick Castle (Cockle Park)	45	31	43·2	35·4	39·5	+ 1·6	3	25	3	0·14	− 0·36	13·2	—	26	—
	†Shields (Newcastle)	46	33	44·3	35·4	40·0	+ 1·5	6	26	5	0·39	0·00	5·9	+ 0·2	12	+ 1
	Durham	46	34	43·8	35·7	39·9	+ 2·7	5	24	5	0·51	+ 0·07	12·1	+ 2·5	23	+ 5
	Scarborough ℳ	46	36	44·2	37·2	40·8	+ 2·1	6	19	5	0·43	− 0·02	14·6	—	28	—
	York												3·4	− 3·3	6	− 6
Southern part.	†Spurn Head (Skegness)	46	37	43·9	38·1	41·1	+ 2·6	5	16	5	0·75	+ 0·45	20·2	—	38	—
	Lincoln	48	33	45·2	35·6	40·6	+ 3·7	9	26	6	0·86	+ 0·49	*	*	*	*
	†Fulbeck (Rauceby)	48	34	44·7	36·0	40·5	+ 4·2	8	24	7	0·99	+ 0·62	17·9	—	33	—
3. ENGLAND, E. — Northern part.	Hillington ℳ	46	32	44·2	35·9	40·2	+ 3·2	6	24	6	1·24	+ 0·79	16·7	+ 6·7	31	+ 12
	†Yarmouth (Lowestoft)	47	34	44·9	37·0	41·1	+ 3·5	8	21	6	0·99	+ 0·57	21·6	—	40	—
	Geldeston	48	33	46·0	37·0	41·7	+ 3·5	11	22	6	1·02	+ 0·65	20·5	+ 8·6	38	+ 16
Southern part.	Cambridge	50	31	47·0	35·8	41·6	+ 3·9	14	27	6	0·86	+ 0·53	19·7	+ 8·9	36	+ 16
	Felixstowe	49	33	46·5	37·3	42·1	+ 3·6	20	13	6	1·17	—	19·0	—	35	—
	Clacton-on-Sea	49	33	45·9	36·4	41·3	+ 2·9	11	23	6	0·91	—	17·4	—	32	—
	Rothamsted	50	33	47·1	36·2	41·9	+ 4·5	14	26	6	1·28	+ 0·76	23·2	+ 12·9	42	+ 23
	†Shoeburyness (Margate)	52	34	47·7	38·0	43·0	+ 4·5	24	11	5	1·12	+ 0·78	19·4	+ 9·0	35	+ 16
	London, Westminster	54	31	49·0	37·1	43·3	+ 3·9	30	14	5	1·10	—	13·3	+ 9·2	24	+ 17
4. MIDLAND COUNTIES. — Eastern part.	Harrogate	46	32	43·7	35·7	39·9	+ 2·7	5	25	6	1·77	+ 1·24	14·8	—	28	—
	†Bawtry (Worksop)	47	38	45·4	39·3	42·5	+ 4·9	15	8	6	0·76	+ 0·36	12·5	+ 4·8	24	+ 9
	Nottingham	49	32	45·9	35·9	41·1	+ 3·4	11	25	6	0·77	+ 0·31	14·8	—	27	—
	†Colly Weston (Oundle)	46	32	44·6	35·0	40·0	+ 2·7	7	28	6	1·05	+ 0·68	*	*	*	*
	Birmingham, Edgbaston	47	33	45·0	36·3	40·8	+ 2·7	8	23	5	0·95	+ 0·50	18·4	—	34	—
	Oxford	51	33	48·0	37·1	42·8	+ 4·2	26	14	5	1·07	+ 0·63	24·7	+ 14·3	45	+ 26
Western part.	Cheadle ℳ	46	33	43·7	34·6	39·3	+ 2·4	5	28	6	1·54	+ 0·96	*	*	*	*
	Shrewsbury	51	35	47·6	37·3	42·7	+ 4·5	25	13	6	0·89	—	*	*	*	*
	Hereford ℳ	49	34	47·0	36·7	42·1	+ 3·5	23	15	6	0·84	+ 0·31	*	*	*	*
	Cirencester	51	31	46·3	34·1	40·4	+ 2·7	12	32	6	1·30	+ 0·71	?	?	?	?
	Bath	53	28	49·4	35·6	42·8	+ 2·9	32	18	6	1·70	+ 1·11	21·4	-	39	—
5. ENGLAND, S.	†London, Brixton (Kew)	53	31	48·1	36·7	42·6	+ 3·5	26	15	5	1·22	+ 0·79	21·8	+ 12·5	40	+ 22
	Wisley, Surrey	53	33	48·7	36·5	42·8	+ 4·6	29	15	6	1·10	—	24·3	—	43	—
	Swarraton ℳ	52	28	48·6	35·0	42·1	+ 4·4	30	20	6	1·73	+ 1·08	*	*	*	*
	Tunbridge Wells ℳ	51	31	47·4	35·6	41·7	+ 4·1	15	28	6	1·35	+ 0·75	21·5	+ 11·2	38	+ 20
	†Dungeness (Littlestone)	51	31	48·9	38·6	44·0	+ 4·4	28	10	5	1·27	+ 0·83	16·3	—	29	—
	Hastings	50	33	47·9	39·1	43·7	+ 4·2	24	8	6	1·24	+ 0·66	20·9	+ 7·6	37	+ 14
	Southampton	53	32	50·3	39·7	45·2	+ 5·3	32	6	6	1·81	+ 1·15	21·4	+ 10·0	38	+ 18
	†Portland Bill (Bournemouth)	51	41	48·9	43·7	46·4	+ 6·0	31	0	7	1·02	—	23·4	—	42	—
6. SCOTLAND, W.	Laudale, Loch Sunart	46	31	45·0	36·4	40·9	+ 0·7	8	23	7	3·07	+ 1·15	*	*	*	*
	Glasgow ⚷	45	36	42·7	37·2	40·1	+ 1·5	2	18	7	1·25	+ 0·39	2·3	− 2·4	5	− 5
	Cally ⚷	45	31	43·2	35·5	39·5	+ 1·1	3	25	6	1·79	+ 0·73	*	*	*	*
	‡Aspatria	46	36	44·2	37·0	40·7	+ 3·2	6	20	7	1·55	+ 0·91	5·2	—	10	—
	Douglas, Isle of Man	48	38	46·4	39·8	43·2	+ 2·4	18	6	5	1·43	+ 0·48	13·7	+ 3·1	26	+ 6
7. ENGLAND, N.W.	‡Aspatria	46	36	44·2	37·0	40·7	+ 3·2	6	20	7	1·55	+ 0·91	5·2	—	10	—
	Newton Rigg	50	33	44·9	35·0	40·2	+ 3·0	8	28	7	1·61	+ 0·85	4·6	− 4·1	9	− 8
	Stonyhurst	45	34	43·6	36·9	40·4	+ 2·6	4	20	7	1·50	+ 0·57	3·7	− 3·8	7	− 7
	Blackpool ℳ	48	37	45·3	39·3	42·4	+ 4·0	14	8	5	0·88	+ 0·25	12·6	+ 4·4	24	+ 8
	Manchester, Prestwich	47	35	44·6	36·8	40·9	+ 2·9	7	21	6	1·31	+ 0·58	4·1	− 0·4	8	− 1
	†Liverpool Obs. (Hoylake)	49	37	45·9	38·3	42·3	+ 2·8	18	10	5	1·36	+ 0·87	20·9	—	39	—
	Hawarden Bridge	50	38	47·7	39·9	44·0	+ 3·5	23	6	4	0·92	+ 0·54	*	*	*	*
NORTH WALES	Llandudno ℳ	51	41	48·0	42·3	45·3	+ 3·8	23	0	6	1·06	+ 0·45	15·8	+ 5·3	30	+ 10
	Holyhead	49	40	46·7	40·6	43·8	+ 1·8	18	4	5	0·88	+ 0·16	*	*	*	*
	Bettws-y-Coed	49	36	46·7	38·1	42·6	+ 2·4	21	11	6	1·84	—	5·2	—	10	—
8. SOUTH WALES	Llangammarch Wells	48	32	45·8	36·4	41·3	+ 4·8	11	24	6	2·06	—	6·4	—	12	—
	Pembroke	50	43	49·1	44·3	46·8	+ 4·0	34	0	6	1·43	+ 0·61	17·3	+ 5·4	32	+ 10
	Cardiff	51	27	48·5	32·7	40·9	+ 0·4	18	39	6	2·05	+ 1·19	*	*	*	*
ENGLAND, S.W.	Clifton	51	35	47·1	40·0	43·7	+ 3·9	20	6	6	1·93	+ 1·23	*	*	*	*
	†Shaftesbury (Marlborough)	50	33	46·6	37·3	42·1	+ 4·5	20	13	6	1·66	+ 1·01	13·3	+ 9·2	33	+ 17
	Arlington, N. Devon	49	33	47·7	38·0	43·0	+ 2·6	24	11	7	3·37	+ 2·32	*	*	*	*
	Cullompton ℳ	53	27	49·4	36·3	43·1	+ 3·3	32	16	6	2·25	+ 1·49	15·8	+ 5·9	28	+ 11
	Plymouth	53	32	50·8	40·7	46·0	+ 3·9	33	4	7	1·53	+ 0·71	17·7	+ 6·7	31	+ 12
	Falmouth	53	37	50·9	41·8	46·5	+ 2·8	32	1	6	2·31	+ 1·21	19·2	+ 6·7	34	+ 12
9. IRELAND, N. — Western part.	Malin Head	46	38	44·1	39·9	42·1	+ 0·6	10	6	7	1·69	+ 1·06	*	*	*	*
	Edenfel	46	32	43·3	33·9	38·8	+ 0·9	4	31	7	1·60	+ 0·89	*	*	*	*
	Blacksod Point	51	37	48·6	38·7	43·9	+ 1·2	27	9	7	1·80	+ 0·66	*	*	*	*
	Markree Castle	47	33	44·0	34·6	39·5	− 0·1	6	29	7	1·80	+ 0·93	10·0	+ 1·0	19	+ 2
Eastern part.	Armagh	47	33	44·6	35·5	40·2	+ 1·0	7	26	7	1·06	+ 0·45	14·5	+ 4·6	28	+ 9
	Donaghadee	48	30	44·9	34·6	40·0	− 0·6	8	30	5	1·05	+ 0·44	*	*	*	*
10. IRELAND, S. — Eastern part.	Dublin	51	36	47·7	38·3	43·2	+ 1·5	24	10	6	0·87	+ 0·38	16·8	+ 4·0	32	+ 8
	Kilkenny	49	30	46·9	35·6	41·5	+ 0·7	14	28	6	0·92	+ 0·15	*	*	*	*
	Waterford	53	31	48·1	36·9	42·7	+ 1·7	26	14	5	1·25	+ 0·32	*	*	*	*
Western part.	Birr Castle	49	33	46·6	35·4	41·2	+ 1·4	13	28	7	1·19	+ 0·53	14·0	+ 3·1	26	+ 6
	Foynes	51	36	47·8	38·9	43·5	+ 1·9	24	9	7	2·06	+ 1·19	*	*	*	*
	Killarney	53	37	49·6	39·9	44·9	+ 1·7	29	6	7	2·22	+ 0·76	*	*	*	*
	Valencia	53	40	50·3	42·1	46·4	+ 1·7	31	0	7	1·90	+ 0·54	10·6	− 0·3	19	− 1
	Roches Point	51	38	48·9	40·3	44·8	+ 1·3	27	5	7	1·10	− 0·05	16·7	—	30	—
11. CHANNEL ISLANDS	Scilly, St. Mary's	53	43	51·1	45·1	48·2	+ 2·1	43	0	7	1·73	+ 0·94	19·8	+ 6·8	35	+ 12
	Jersey, St. Aubins (St. Heliers)	53	36	51·3	43·0	47·3	+ 4·7	37	0	7	2·12	+ 1·39	19·2	+ 4·4	33	+ 7
	Guernsey	53	38	50·2	42·9	46·7	+ 3·4	33	0	6	1·83	+ 1·01	17·3	+ 5·9	30	+ 10

Information for Stations marked ℳ is supplied by the Royal Meteorological Society, and that for Stations marked ⚷ is supplied by the Scottish Meteorological Society.

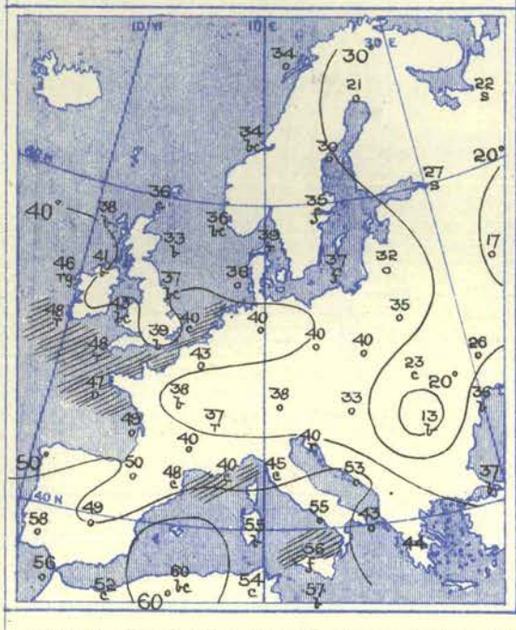
* An Asterisk is inserted in all places for which the information is not usually given.

† There is no Sunshine Recorder in use at this Station. The figures entered for Sunshine are those recorded at a neighbouring Station of which the name is given in brackets.

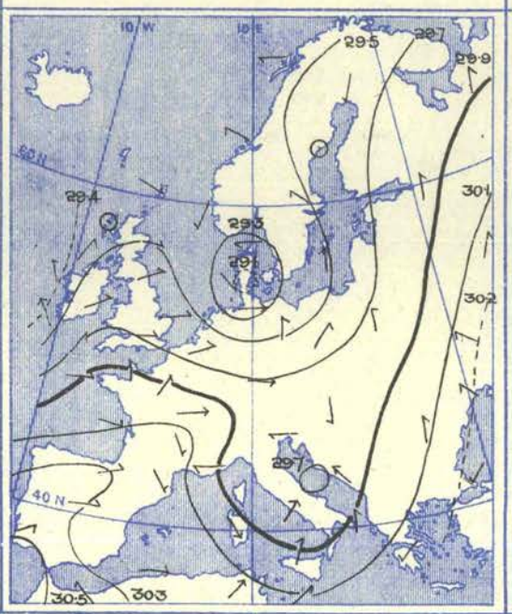
‡ This station is included in two districts to facilitate the compilation of values for the Agricultural divisions of the country adopted by the Board of Agriculture, as well as the Forecast districts of the Meteorological Office.

Sunday, 7th January, 1906.

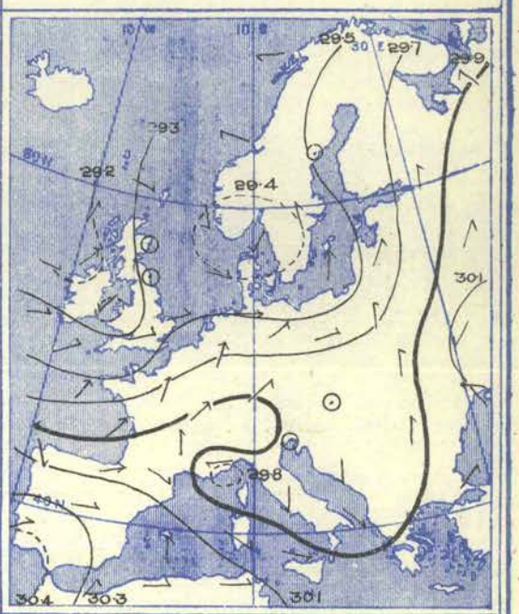
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine and bright in most parts of Great Britain and at a few places on the Continent; cloudy or quite overcast as a whole, with rain in the west and south of Ireland, and at Scilly, Oporto, Trieste, Cracow, and Karlstad, and snow at St. Petersburg and Archangel. Large quantities of rain experienced later in all the western countries and at Brindisi and Athens, and smaller amounts in central Europe. Heaviest fall in our Islands, 0·8 in. at Liverpool.

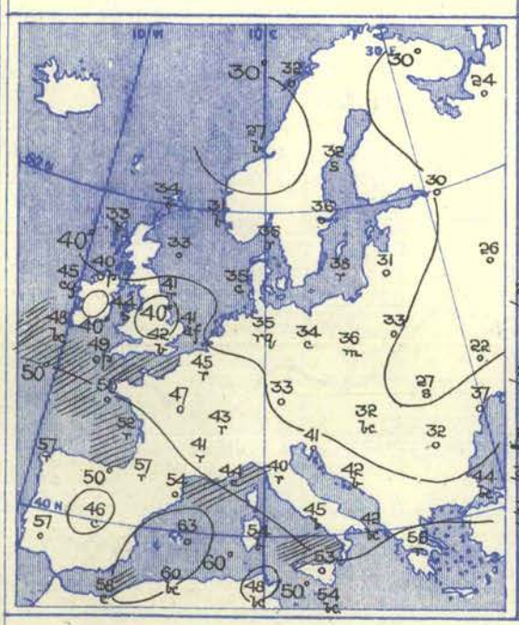
TEMPERATURE changed very irregularly. Morning readings ranging from 60° at Algiers and 58° at Lisbon, to below 40° over the greater part of England and Scotland and in most Continental localities, and to below 30° in Russia, the north of Sweden, and at Hermanstadt. Lowest reading, 13° at the last named station. Maxima during day, 68° at Nemours, and above 55° at several other stations in the south. Frost continuing all day in the east and north-east of our area.

WIND in morning showing two cyclonic circulations—a very extensive one around Denmark, and a smaller one around the Adriatic. Southerly currents of both systems mainly light to moderate in force, but that from West blowing a strong to a moderate gale. Freshening Southerly winds prevailing on our own western coasts. Veering to the Westward in Ireland later and to North-East at Holyhead. Some decrease in force taking place in most Continental regions.

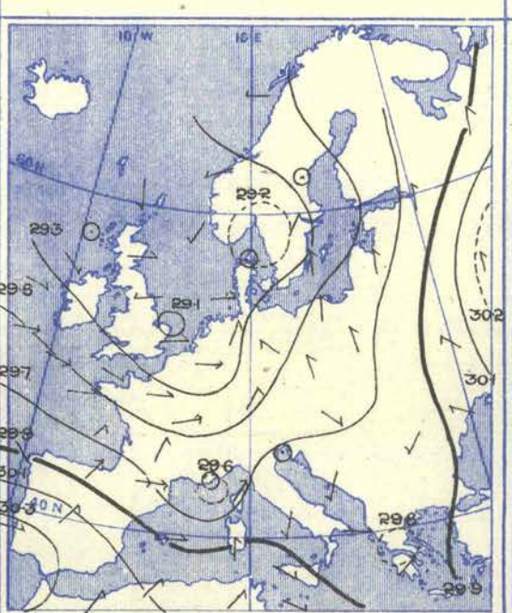
BAROMETER at 8 a.m above 30·4 ins. in the south-west of the Spanish Peninsula, and nearly as high as 30·4 ins. in the south-east of Russia. Below 29·8 ins. in a small depression over the Adriatic, and about 29·1 ins. in a larger system centred over Denmark. Below 29·4 ins. off the west of Ireland. Low pressure systems travelling eastwards during day; that off Ireland proving to be complex and not very deep. Barometer rising at Valencia by 6 p.m.

Monday, 8th January, 1906.

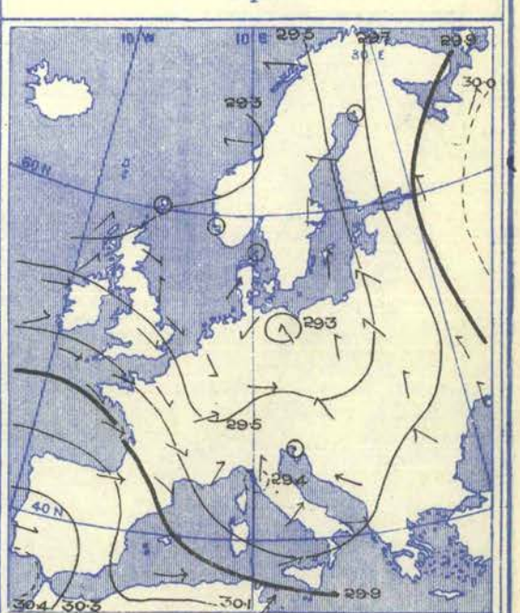
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine and bright in a few isolated places, but very unsettled and dull as a whole. Rainy in the west and north of the Spanish Peninsula, over France, the Low Countries, at some English stations, and in the region of the Baltic, as well as at Athens and La Calle. Snow falling at Hernösand. Rain falling at nearly all places during ensuing twenty-four hours; in small amounts at almost all our own stations, but heavily in many Continental localities. More than an inch at Gap, and nearly an inch and a half at Trieste and Rome. A thunderstorm occurring in the south-west of Ireland at 6·30 a.m.

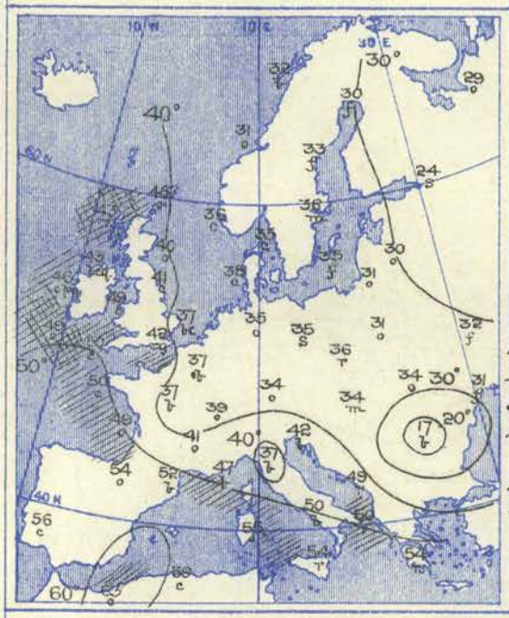
TEMPERATURE in morning lower in most places than twenty-four hours earlier. Below the freezing point at Wick and in most parts of Norway and Russia, and as low as 22° at Kieff. Above 55° at some extreme southern stations, and as high as 61° at Bilbao. Rising later to 68° at Nemours and Algiers, to 63° at Patras, and to nearly 60° at other stations on the shores of the Mediterranean. Maximum only 28° at Hermanstadt and below 32° in Russia.

WIND at 8 a.m. fresh or strong from North-West or West over the Bay of Biscay and most of the United Kingdom and France, but drawing into the Eastward in Holland and the north-east of England. A separate circulation of little force prevailing over the southern districts of Scandinavia, and moderate to strong Westerly winds over the Mediterranean and southern Europe. No great change later, but wind backing somewhat in the west of Ireland.

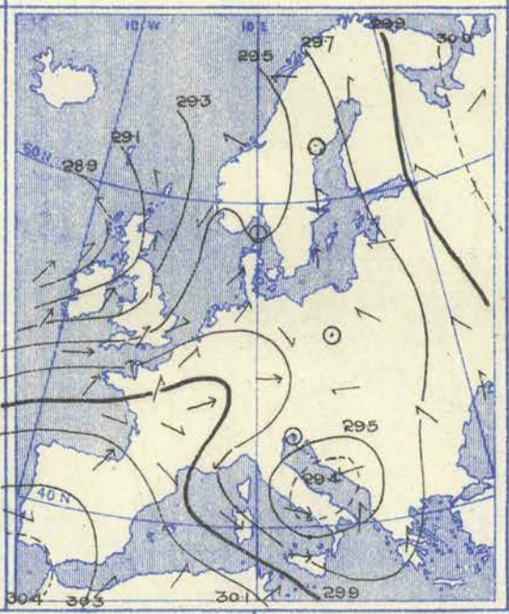
BAROMETER in morning ranging from above 30·3 ins. in the south-west of Spain, and from above 30·2 ins. in the southern and central parts of Russia, to below 29·6 in a small minimum near Nice, to less than 29·2 ins. in another depression over the south of Sweden, and to below 29·1 ins. in a complex system having its centre over Norfolk. Barometer rising briskly over the United Kingdom during day, and depressions travelling eastwards. Southern disturbance growing deeper and gradients increasing considerably over the Mediterranean.

Tuesday, 9th January, 1906.

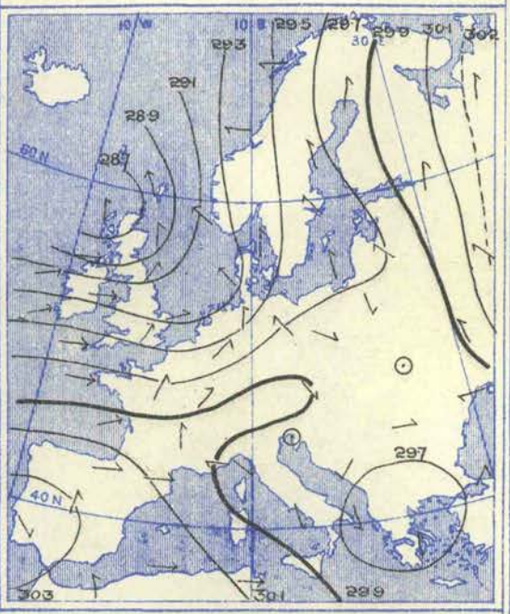
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine and bright in a few places locally, but dull and very unsettled over our area generally, with rain in various regions, snow at Berlin and St. Petersburg, and lightning at Roche's Point. A good deal of fog prevailing in Sweden. Rain falling in most northern and in some southern districts later, and a severe thunderstorm occurring in London; thunderstorms also experienced at some other stations in the south-east of England and at Jersey.

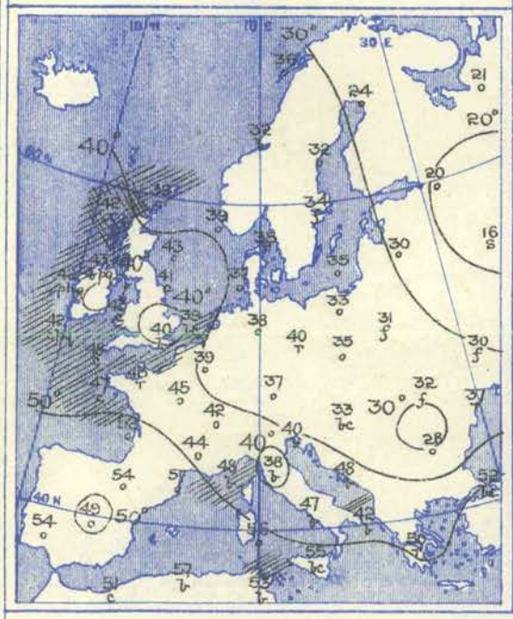
TEMPERATURE in morning some degrees above 50° in the south generally, and as high as 63° at Nemours; below 32° in most of the eastern and northern parts of our area. Lowest values, 19° at Kharkov and 17° at Hermanstadt. Rising later to 50° or a little above in many parts of the United Kingdom and at most French stations, to 59° at Madrid, 61° at Perpignan, 66° in Algeria, and to 68° at Sfax. Thermometer remaining below 40° in various parts of central Europe.

WIND at 8 a.m. South-Westerly to Southerly over England and Ireland, and Southerly or South-Easterly in Scotland; fresh or strong at all the western stations, with a fresh gale at Valencia and Stornoway. A separate circulation of fresh to strong winds prevailing over the Adriatic and its vicinity; a North-Westerly gale at Sanguinaires and Palermo. No general change later, but wind veering somewhat and increasing in force over the United Kingdom.

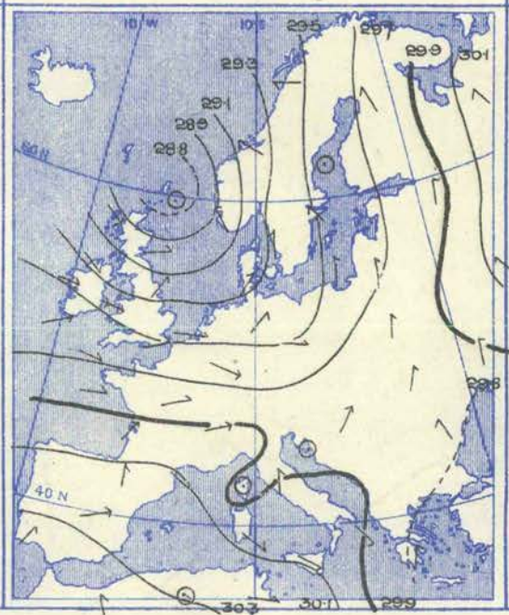
BAROMETER in morning ranging from 30·4 ins. in the extreme south-west of Spain, and from 30·0 ins. in the eastern half of Russia, to below 29·4 ins. in a well-defined depression over the central part of the Adriatic, and to less than 28·9 ins. in a large and deep system centred off our north-west coasts. Southern disturbance moving south-eastwards during day, and that in the north-west travelling north-eastwards. Barometer falling as low as 28·66 ins. at Stornoway by 6 p.m., and rising to above 30·2 ins. in Russia.

Wednesday, 10th January, 1906.

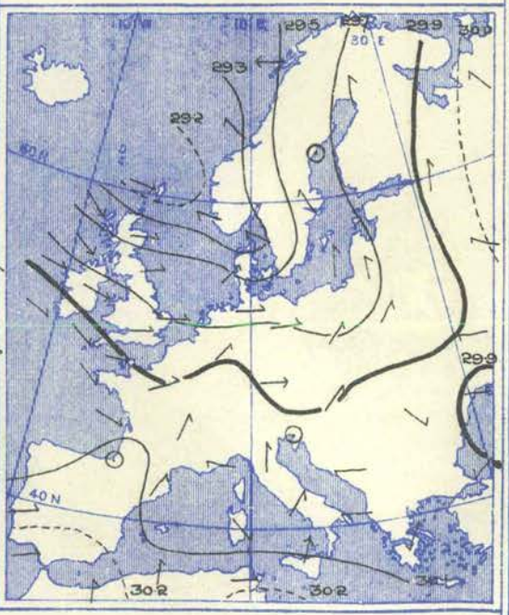
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. cloudy or overcast as a whole, but fine and bright in many parts of Ireland and England, and also at several stations in the south of Europe and the north of Africa. Rain falling on various parts of our extreme west and north-west coasts, at Oporto, Patras, Odessa, and at several other Continental stations, and snow at Moscow. Continuing fair or fine in most parts of central and southern Europe, as well as in most English localities, but rain experienced elsewhere, and a thunderstorm at Portland Bill.

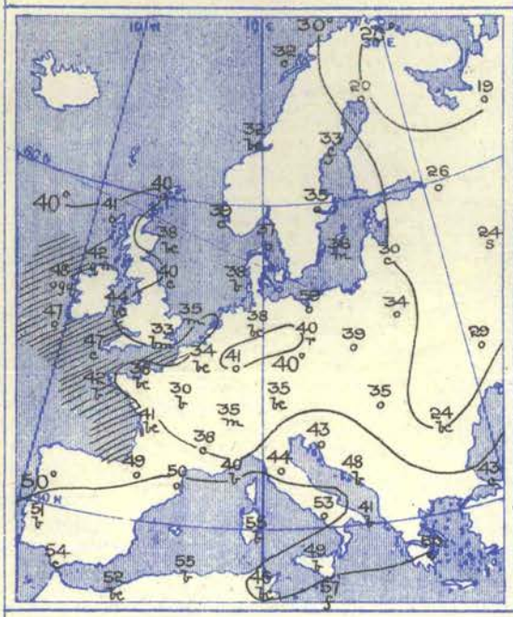
TEMPERATURE changed irregularly. Readings in morning below 32° in the north of Sweden and the east of our area, and as low as 16° at Moscow. Above 40° in nearly all other regions, and above 50° in the south. Highest values, 56° at Cagliari and 57° at Algiers. Maxima during day about 50° at Scilly and Jersey, in the west of France, and at Trieste, some degrees higher in Italy and the Spanish Peninsula, and above 60° in Sicily and Algeria. Highest reading, 70° at Algiers.

WIND in morning North-Westerly over the United Kingdom, with a fresh gale at Stornoway and Holyhead. Moderate from South-West over the Low Countries and Denmark, and moderate to strong from the South-Eastward in Scandinavia. Rather more variable over France and southern Europe, but mainly between West and North. Some decrease of force taking place later, but not much change as a whole.

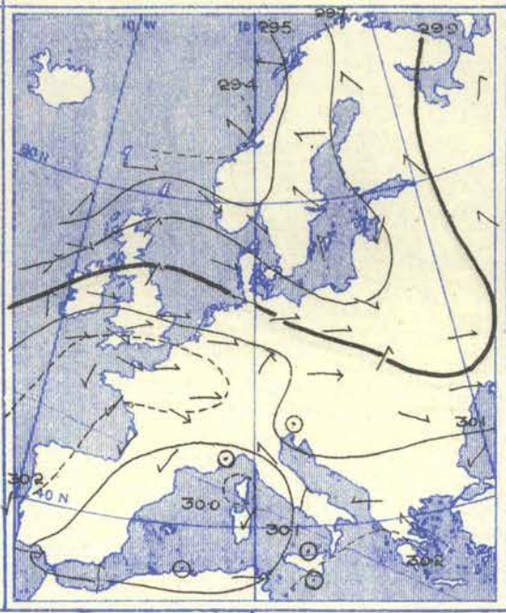
BAROMETER at 8 a.m. above 30·3 ins. over the north-west of Africa and the south of Spain and Portugal, and nearly 30·2 ins. in the north-east of Russia; relatively low over the south-east of Europe, and as low as 28·76 ins. in a large depression having its centre near Sumburgh Head. Gradients rather steep over the whole of north-western Europe. Disturbance travelling towards Scandinavia later, and barometer rising briskly over the United Kingdom, most in Scotland. High pressure system in the south either giving way somewhat or receding southwards.

Thursday, 11th January, 1906.

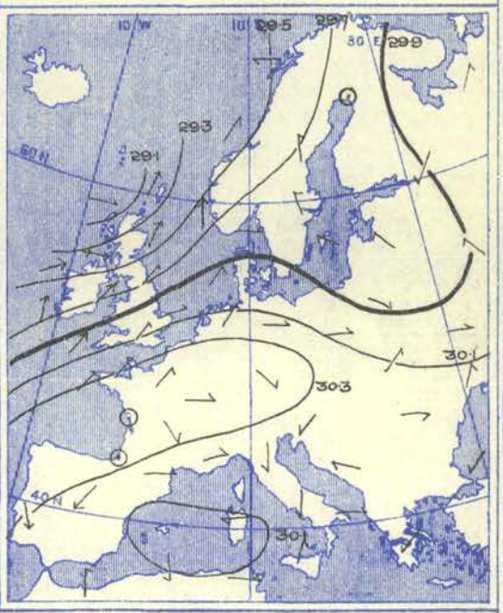
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine and bright in Algeria and some other southern districts, as well as in most parts or Great Britain and France. Very cloudy or quite overcast as a whole, with rain at Bilbao, Barcelona, and at many stations in the Baltic region, and snow at Memel and Moscow. Rain falling very generally later over the United Kingdom and the other north-western countries, heaviest, about half an inch, on our own west and north-west coasts, at Cherbourg and Skudesnaes.

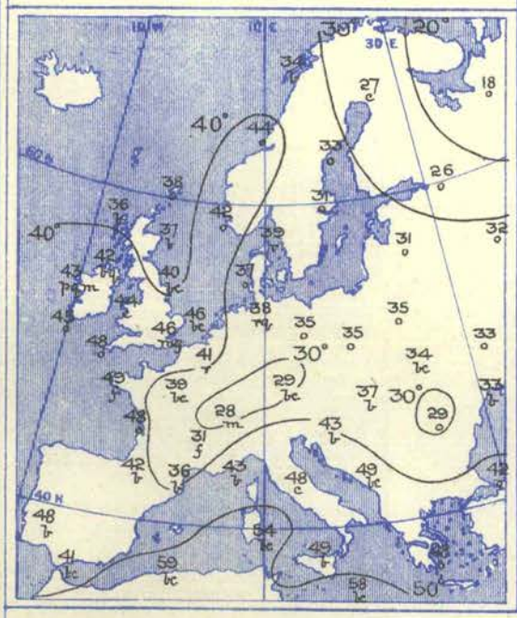
TEMPERATURE fallen in most places; readings in morning above 50° in the extreme south and as high as 57° at Malta and 58° at Oran. Below 40° generally, and below 32° in the north-east and east of our area and at Paris. Lowest readings, 24° at Hermanstadt and Moscow and 19° at Archangel. Maxima during day 68° at Palermo and above 65° at some other stations in the far south, above 50° in the west of France and on our own south-west coasts, and above 45° over our Islands generally. Frosty all day in the extreme north and north-east.

WIND at 8 a.m. South-Westerly to Westerly over this country, the North Sea, and Denmark and between South and East in Scandinavia; of moderate force as a whole, but fresh or strong at some of our western stations. Light and rather variable airs over the Mediterranean region. Backing to the Southward or South-Westward over our Islands during day and increasing greatly in force; reaching the strength of a gale on parts of our western and south-western coasts.

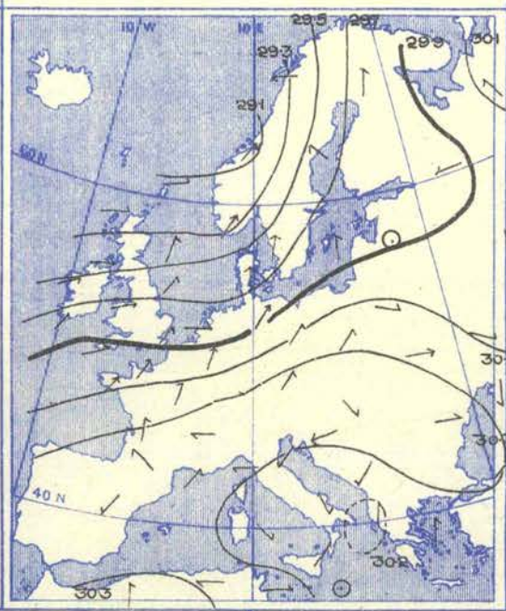
BAROMETER in morning above 30·3 ins. in an elongated area of high pressure extending from the north-west of the Spanish Peninsula to the north-west of France and thence to Bavaria. Below 30·1 ins. over the western half of the Mediterranean and as low as 29·35 ins. in a depression over the west of Norway. A larger and deeper low pressure system approaching our own north-west coasts later and barometer falling to 29·07 ins. at Stornoway. Gradients becoming steep over our Islands and their immediate neighbourhood.

Friday, 12th January, 1906.

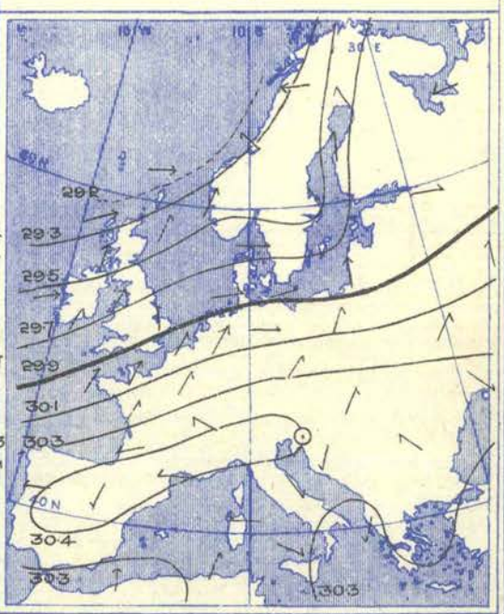
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. varying a good deal; mainly fine over the south of our area and in several parts of Great Britain, and cloudy or dull elsewhere. Rain falling over the north of France, the Low Countries, Denmark, and the adjacent portion of Germany, showers in the north-west of Ireland, and snow at Wisby. Rain becoming general later throughout the United Kingdom and over the north-western countries of the Continent, and snow in Sweden; largest amounts measured, 1·0 in. at Cherbourg, 0·6 in. at Bath, and 0·5 in. in London.

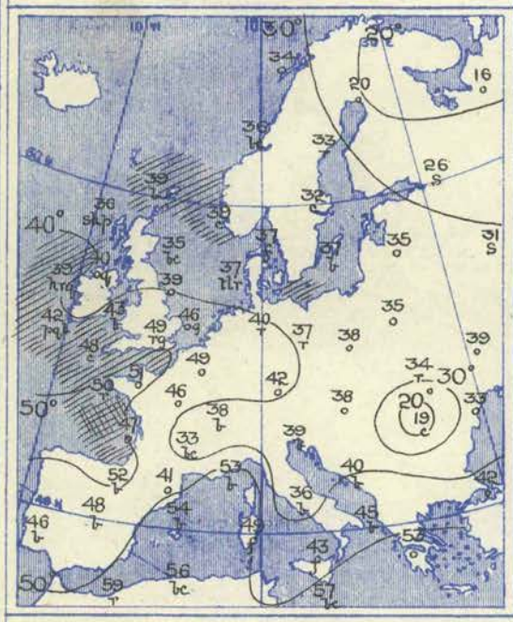
TEMPERATURE fallen over our area as a whole, but risen in England and Norway. Morning readings as low as 18° at Archangel, and below 32° at several eastern and north-eastern stations, and also in the east of France and over Bavaria. Above 50° in the extreme south only; highest readings, 59° at Algiers and 58° at Palermo. Rising to 64° during day at Malta, and to about 60° at several other stations in the south, but maxima below 50° as a whole, and less than 32° in Russia and the north of Sweden. Maximum in London, 54°, occurring at night.

WIND at 8 a.m. moderate to fresh or strong from the Westward over the United Kingdom and the English Channel, from the South-Westward over the Netherlands and Germany, and from the South-Eastward over Scandinavia. Light and mainly anticyclonic over the central countries, and light or moderate and rather variable over the Mediterranean. Not much change over our area generally by evening, but backing to the South-Westward in these Islands.

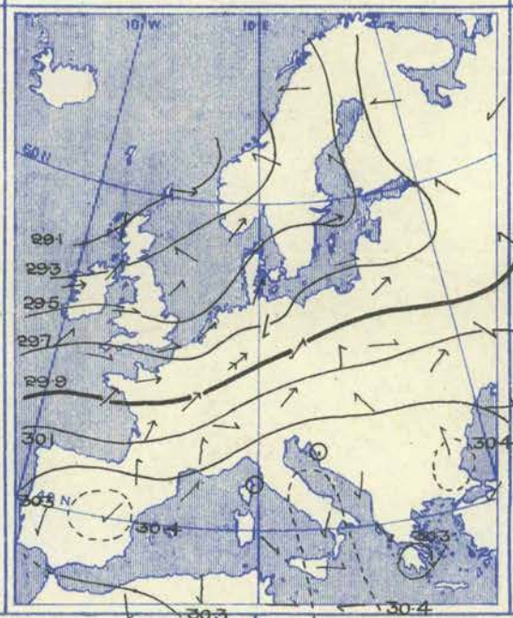
BAROMETER in morning ranging between 30·4 ins. and upwards to 30·3 ins. in a large anticyclonic band extending from the Spanish Peninsula across central Europe to the western shores of the Black Sea. Decreasing towards the north to 29·07 ins. at Christiansund. Gradients steep over north-western Europe generally. Pressure decreasing during day over the Bay of Biscay and our western districts, and also in Sweden. Southern anticyclone maintaining its position.

Saturday, 13th January, 1906.

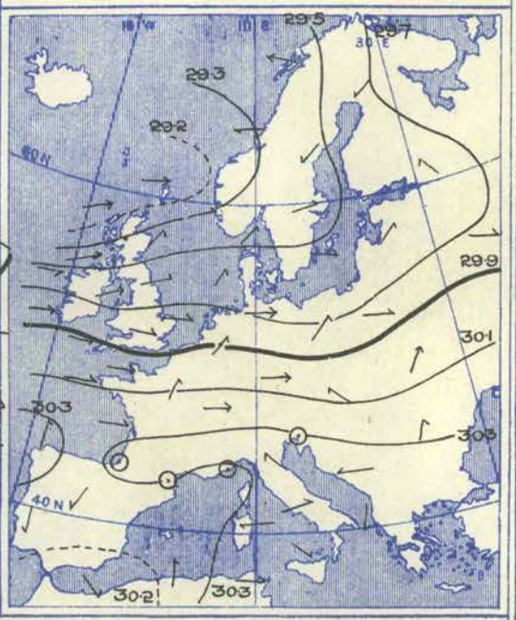
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. cloudy or dull except in the Mediterranean and in various localities in the northern parts of these Islands. Rain falling over our southern counties, the Low Countries North Germany, and at Brest and Lemberg, and snow over the north of Russia. Snow showers reported at Nairn and Stornoway, and a thunderstorm at Fanö. Thunderstorms experienced later at Blackpool and Aberystwyth, and rain falling very generally in this country, Germany, and the west of France.

TEMPERATURE changed irregularly. Morning readings as high as 64° at Aumale and 60° at Oran. Below 50° in the south generally and less than 40° over our northern districts and the greater part of the Continent. Lowest values, 20° at Haparanda, 19° at Hermanstadt, and 16° at Archangel. Maxima during day as high as 66° at Algiers and above 60° at a few other southern stations, and about 50° at most French stations and at several places in England and Ireland. Thermometer remaining below 40° in northern Europe.

WIND in morning moderate to fresh or strong from the Westward or South-Westward over these Islands and their neighbourhood, and moderate to strong from the Eastward in the north of Scandinavia. Strong from the South-West at Lemberg, and light from the same quarter over central Europe as a whole. Variable anticyclonic airs prevailing over the southern portion of our area. Scarcely any change in direction during day, but some increase of strength taking place in this country and also in many Continental regions.

BAROMETER at 8 a.m. about 29·1 ins. off our extreme north-west coasts, increasing towards the south to 29·61 ins. in London and to 30·4 ins. in various parts of southern Europe. Gradients steepest over the English Channel, the north of France, and western Germany. Pressure increasing slowly over the United Kingdom later and giving way somewhat over the Mediterranean and central Europe. Northern depression travelling slowly towards Norway.

IV.—BRIGHT SUNSHINE Values for the Week, in addition to those on page 8.

	STATIONS.	No. of Hours recorded.	Difference from the Mean for the Week.	Percentage of Possible Duration	Difference from the Mean for the Week.
1.	Crathes	14·0	—	29	—
	Balruddery	5·3	—	11	—
2.	Saltburn-by-the-Sea	14·1	—	27	—
	York	—	—	—	—
3.	Cromer	18·3	—	34	—
	Dunmow	20·3	—	37	—
4.	Sheffield	11·5	—	22	—
5.	London, Bunhill Row	2·4	− 0·6	4	− 1
	Ramsgate	22·3	—	40	—
	Eastbourne	19·2	+ 6·7	34	+ 12
	Brighton	20·4	+ 8·7	36	+ 16
	Worthing	22·3	—	40	—
	Bognor	24·0	—	43	—
	Ventnor Hospital	20·2	+ 7·3	35	+ 13
7.	Southport	14·1	—	27	—
	Rhyl	18·9	—	36	—
	Aberdovey	13·4	—	25	—
8.	Aberystwyth	16·5	—	31	—
	Tenby	21·5	+ 9·0	39	+ 16
	Torquay	20·5	+ 7·5	36	+ 13
	Newquay	15·1	+ 3·7	27	+ 7

V.—OBSERVATIONS IN THE UPPER AIR.—Temperature, Humidity and Wind Velocity.

Date of Observation.	Station and its Height above M.S.L.		Heights in feet above Mean Sea Level. Ground Level.	1,660.	3,320.	5,000.	6,660.	8,320.	10,000.	Remarks.
1906.										
January 10th 12.30 p.m.	Oxshott, 200 ft.	Temperature F.	45°	39°	34°	26°				One kite 7,050 ft. wire, 25° F. at 5,300 ft. Cloud level 3,500 ft. Clear morning, overcast by 1 p.m.
		Humidity	95	100	100	100				
		Wind Velocity, m. per hr.	7, SW by W.	30, —	30, W.	33, W.				
January 11th 3.0 p.m.	Oxshott, 200 ft.	Temperature F.	45°	39°	33°					One kite, 3,900 ft. wire. Clear sky, with cirro-stratus coming up. Rain in evening.
		Humidity	80	95	60					
		Wind Velocity, m. per hr.	10, SW.	30, SW.	45, SSW.					
January 12th noon.	Oxshott, 200 ft.	Temperature F.	50°	42°	37°	31°	26°	[26]		Two kites, 9,500 ft. wire. Overcast, but clouds not reached. Great increase of wind velocity at 3,500 ft. The upper kite rose 3,000 ft. in 4 minutes.
		Humidity	90	50	40	30	25	[20]		
		Wind Velocity, m. per hr.	5, SW.	20, WSW.	25, W.	40, —	50, SW.	[55, SW.]		
January 13th 11.30 a.m.	Oxshott, 200 ft.	Temperature F.	47°	43°	34°					One kite, 5,000 ft. wire. At 4,300 ft., 30° F. 60 per cent. Cloud level 2,000 ft. A few light fleecy clouds.
		Humidity	90	95	75					
		Wind velocity, m. per hr.	13, SW.	30, W.	40, W.					
January 13th. noon.	Ditcham Park, Petersfield, 450 ft.	Temperature F.	43°	36°	28°	23°				Temperatures perhaps too low throughout.
		Humidity	100	100	80	65				
		Wind Velocity, m. per hr.								

63, Victoria Street, London, S.W.
January 17th, 1906.

W. N. SHAW,
Director.

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SUPPLIED FOR THE PUBLIC SERVICE

TWENTY-NINTH YEAR. Vol. XXIII. (New Series.) } No. 3. THIRD WEEK, ENDING SATURDAY, JANUARY 20TH, 1906. Price 6d. Annual Subscription post paid £1 10s. 0d.

I.—GENERAL REMARKS.

Weather was again of an unsettled character over the whole Kingdom, very few days passing without rain, varied in some cases by falls of hail, sleet, or snow in the more northern districts. Thunder and lightning were experienced in the west of Scotland during the earlier half of the period, and also in the south-west of Ireland on Thursday.

Rainfall exceeded the average very generally, the total amount being more than twice as much as the normal in every district excepting Scotland E., Ireland S., and the Channel Islands. At Southampton, on the 16th, the measurement equalled 1·75 in.

Temperature was again above the average except in Ireland and the north of Scotland. The highest of the maxima occurred on the 14th at most Irish, Scotch, and Welsh stations, but many days later over the greater portion of England. They ranged from 53° in England S. and S.W., the Channel Islands, and Ireland S., to 49° in England N.E. and Scotland W. The lowest of the minima were in nearly all cases registered on the 20th, the readings varying between 22° in England S.W., and 30° in Scotland W. In the Channel Islands the thermometer did not fall below 37°.

Bright Sunshine was deficient in the north and east of Scotland, and just equal to the average in the north of England; elsewhere, however, there was an excess, especially over eastern, central, and southern England and the Channel Islands. The percentage of the possible duration was as high as 44 in England S., 42 in the Channel Islands, and 40 in England E., whence it decreased to 23 in England N.E., 17 in Scotland E., and to 9 in Scotland N.

Barometer and Wind. During the greater part of the week depressions over the Atlantic to the north-westward and northward of our Islands produced a South-Westerly type of conditions, the wind being generally fresh or strong in force, and occasionally increasing to a gale. On Thursday, however, the centre of a disturbance travelled quickly eastwards directly across the Kingdom, and the direction of the gales that accompanied its passage was consequently more variable. By the end of the week an anticyclone had extended from the South-Westward over the greater part of England, but the appearance of another depression off the north of Scotland caused the weather to continue unsettled.

SUMMARY OF TEMPERATURE, RAINFALL, AND DURATION OF BRIGHT SUNSHINE IN THE UNITED KINGDOM, FOR AGRICULTURAL AND SANITARY PURPOSES.

THE WEEK (3rd)—January 14th to 20th, 1906.

DISTRICTS. (See p. 14.)	Temperature. Highest.	Lowest.	Means of Daily Max.	Daily Min.	Daily Mean.	Difference from Av. (35 Yrs.)	Accumulated. Number of Day-Degrees. Above 42°	Difference from Av. (25 Yrs.)	Below 42°	Difference from Av. (25 Yrs.)	Rainfall. Number of Rain-Days.	Diff. from Av. (35 Yrs.)	Total Fall.	Difference from Average (35 Yrs.)	Sunshine. Hours recorded.	Diff. from Av. (25 Yrs.)	Percentage of Possible Duration.	Diff. from Av. (25 Yrs.)
	°	°	°	°	°	°	Day-deg.	Day-deg.	Day-deg	Day-deg.			Inches.	Inches.			%	%
0. SCOTLAND, NORTH ..	50	26	41·6	33·6	37·7	− 0·1	0	− 7	30	− 5	7	+ 2	2·28	+1·13	4	− 2	9	− 4
1. SCOTLAND, EAST ..	50	26	42·7	33·3	38·2	+ 0·6	2	− 6	32	− 9	5	+ 1	0·79	+0·23	9	− 1	17	− 3
2. ENGLAND, N.E. ..	49	29	44·5	34·7	39·8	+ 2·0	7	− 1	29	− 7	5	+ 2	0·80	+0·42	12	0	23	0
Eastern 3. ENGLAND, EAST ..	51	28	45·9	36·0	41·1	+ 3·0	11	+ 3	25	− 16	5	+ 1	0·90	+0·52	23	+11	40	+20
4. MIDLAND COUNTIES	? 52	26	45·8	34·7	40·4	+ 2·5	11	+ 1	29	− 13	5	+ 1	0·95	+0·48	16	+ 8	28	+15
5. ENGLAND, SOUTH ..	53	28	47·1	37·2	42·4	+ 3·3	23	+12	13	− 19	6	+ 2	1·22	+0·67	26	+14	44	+24
6. SCOTLAND, WEST ..	49	30	44·0	35·0	39·7	+ 0·7	6	− 4	27	− 2	6	+ 2	1·89	+0·84	10	+ 2	18	+ 4
7. ENGLAND, N.W. ..	51	28	45·1	35·6	40·6	+ 1·3	9	0	26	− 4	6	+ 2	1·74	+1·10	9	0	17	0
Western 8. ENGLAND, S.W. ..	53	22	47·8	36·7	42·5	+ 2·1	26	+10	15	− 8	6	+ 2	1·58	+0·76	16	+ 6	27	+10
9. IRELAND, NORTH ..	51	28	44·1	34·3	39·4	− 1·0	6	− 7	30	+ 4	7	+ 2	1·57	+0·81	13	+ 3	24	+ 5
10. IRELAND, SOUTH ..	53	25	46·3	35·1	40·9	− 1·2	12	− 8	29	+ 10	6	+ 1	1·63	+0·69	16	+ 3	27	+ 5
11. CHANNEL ISLANDS..	53	37	49·4	42·5	46·1	+ 2·2	29	+ 4	0	− 9	6	+ 1	0·87	+0·12	25	+12	42	+19

THE SEASON (**Winter**).—Aggregates, &c., for the Period of 7 Weeks, December 3rd, 1905, to January 20th, 1906.

0. SCOTLAND NORTH ..	55	20	*	*	*	*	68	+13	144	− 74	37	+ 2	8·35	−0·03	34	− 5	11	− 1
1. SCOTLAND, EAST ..	55	17	*	*	*	*	73	+16	156	−109	29	+ 2	3·80	−0·66	57	− 3	17	− 1
2. ENGLAND, N.E. ..	55	25	*	*	*	*	68	+ 2	144	− 83	22	− 3	2·71	−0·63	69	− 1	19	0
Eastern 3. ENGLAND, EAST ..	57	25	*	*	*	*	58	−12	175	− 80	24	− 3	3·83	+0·63	82	+11	22	+ 3
4. MIDLAND COUNTIES	57	25	*	*	*	*	70	− 8	177	− 86	27	+ 1	4·22	+0·50	71	+ 6	19	+ 2
5. ENGLAND, SOUTH ..	57	23	*	*	*	*	121	+21	98	− 93	28	+ 2	5·18	+0·98	83	+ 9	22	+ 2
6. SCOTLAND, WEST ..	54	25	*	*	*	*	92	+ 9	95	− 80	35	+ 3	8·26	−0·31	54	− 2	15	− 1
7. ENGLAND, N.W. ..	57	27	*	*	*	*	99	+15	100	− 80	29	0	5·28	+0·11	65	+11	18	+ 3
Western 8. ENGLAND, S.W. ..	55	22	*	*	*	*	151	+15	82	− 51	29	− 1	8·04	+1·65	80	+ 3	21	+ 1
9. IRELAND, NORTH ..	54	28	*	*	*	*	125	+23	72	− 90	41	+ 6	6·88	+1·06	70	+ 8	20	+ 2
10. IRELAND, SOUTH ..	56	25	*	*	*	*	200	+44	46	− 75	36	+ 4	7·44	+0·40	68	−13	18	− 4
11. CHANNEL ISLANDS..	55	35	*	*	*	*	230	+16	3	− 41	33	+ 1	5·43	−0·50	103	+11	26	+ 3

THE YEAR.—Aggregates, &c., for the period of 3 Weeks, December 31st, 1905, to January 20th, 1906.

0. SCOTLAND, NORTH ..	52	23	*	*	*	*	4	−18	89	− 12	17	+ 2	4·26	+0·73	14†	− 4	10	− 3
1. SCOTLAND, EAST ..	50	17	*	*	*	*	3	−21	92	− 28	14	+ 3	2·21	+0·47	21	− 8	14	− 5
2. ENGLAND, N.E. ..	49	25	*	*	*	*	13	−12	75	− 29	15	+ 5	2·28	+1·06	29	− 6	18	− 4
Eastern 3. ENGLAND, EAST ..	54	28	*	*	*	*	30	+ 5	70	− 49	15	+ 4	2·98	+1·75	48	+17	29	+10
4. MIDLAND COUNTIES	55	26	*	*	*	*	27	− 4	82	− 40	17	+ 6	3·55	+2·07	36	+11	22	+ 7
5. ENGLAND, SOUTH ..	55	27	*	*	*	*	70	+36	33	− 59	18	+ 7	4·44	+2·75	51	+16	30	+10
6. SCOTLAND, WEST ..	50	29	*	*	*	*	18	−13	64	− 19	17	+ 4	4·77	+1·51	19	− 4	12	− 3
7. ENGLAND, N.W. ..	57	27	*	*	*	*	31	+ 2	58	− 28	18	+ 6	4·29	+2·33	21	− 6	13	− 4
Western 8. ENGLAND, S.W. ..	54	22	*	*	*	*	76	+25	30	− 36	19	+ 7	6·46	+3·93	37	+ 7	22	+ 4
9. IRELAND, NORTH ..	52	28	*	*	*	*	33	− 7	61	− 15	21	+ 7	4·01	+1·68	32	+ 3	20	+ 2
10. IRELAND, SOUTH ..	56	25	*	*	*	*	70	+ 9	39	− 16	20	+ 6	5·17	+2·29	37	− 1	23	− 1
11. CHANNEL ISLANDS..	55	36	*	*	*	*	109	+30	0	− 25	20	+ 7	4·06	+1·73	53	+13	31	+ 8

† This value has been altered owing to the receipt of further information.

Bright Sunshine.—For certain of the Districts the values of Bright Sunshine in this Table are based on the records from a part only of the Stations included in the Tables under II. and IV. For certain of the Stations Mean Values are not available, and for the Districts containing these Stations the "Differences from Mean" are based on the records from a smaller number of Stations than those supplying the values for "Hours Recorded."

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II.—DATA from which the SUMMARY on page 13 has been calculated.

January 14-20, 1906.		Temperature. In Degrees Fahrenheit.								Rainfall.			Bright Sunshine.			
				Averages for the Week.			Difference of Daily Average from Mean for the Week.	Accumulated Heat for the Week (in Day-degrees).								
Districts.	Names of Stations.	Highest observed.	Lowest observed.	Of Highest each day.	Of Lowest each day.	For whole of each day.		Above 42°.	Below 42°.	Number of Rain-Days.	Rainfall in the Week.	Difference from the Mean for the Week.	Number of Hours recorded.	Difference from the Mean for the Week.	Percentage of possible duration.	Difference from the Mean for the Week.
		°	°	°	°	°	°	Day-deg.	Day-deg.		Inches.	Inches.	Hrs.	Hrs.	%	%
0. SCOTLAND, N.	†Sumburgh Head (Deerness)	43	31	40·9	35·3	38·2	- 0·9	0	27	7	1·44	+ 0·56	4·8	- 1·9	10	- 4
	Wick	45	32	41·3	33·6	37·6	- 0·3	0	31	6	0·55	+ 0·01	*	*	*	*
	†Lairg (Strathpeffer)	45	26	40·9	30·8	36·1	+ 0·7	0	41	7	1·55	+ 0·78	5·0	- 2·7	10	- 5
	Stornoway	47	32	42·1	34·4	38·4	- 0·4	0	28	7	1·77	+ 0·59	5·7	- 1·0	12	- 2
	Glencarron	50	31	42·3	34·6	38·6	+ 1·4	1	27	7	4·12	+ 1·85	*	*	*	*
	Fort Augustus	47	31	41·8	32·6	37·4	- 0·9	0	32	7	4·25	+ 3·00	1·6	- 2·4	3	- 5
1. SCOTLAND, E.	Nairn	46	30	40·4	31·9	36·3	- 1·3	0	40	6	1·04	+ 0·63	*	*	*	*
	Aberdeen	48	32	42·6	34·1	38·5	+ 0·8	2	29	3	0·19	- 0·29	7·7	- 3·7	15	- 7
	Braemar												*	*	*	*
	Clathick	47	31	43·4	33·3	38·6	+ 1·6	4	33	7	1·79	+ 0·79	*	*	*	*
	†Leith (Edinburgh)	50	34	45·1	35·9	40·7	+ 1·6	9	25	5	0·52	+ 0·13	8·3	+ 1·3	16	+ 3
	Marchmont	47	26	41·9	31·4	36·9	+ 0·4	0	36	4	0·43	- 0·11	7·6	- 1·5	14	- 3
2. ENGLAND, N.E. — Northern part.	†Alnwick Castle (Cockle Park)	49	32	44·4	35·3	40·0	+ 2·1	7	26	6	0·49	+ 0·01	11·1	—	21	—
	†Shields (Newcastle)	49	30	44·1	34·6	39·5	+ 0·8	6	28	4	0·74	+ 0·38	5·3	- 0·7	10	- 1
	Durham	48	30	43·5	33·3	38·6	+ 1·5	4	33	4	0·82	+ 0·42	? 8·7	- 1·3	16	- 2
	Scarborough	48	32	44·3	33·9	39·3	+ 0·7	6	31	6	1·56	+ 1·14	12·3	—	23	—
	York												8·3	+ 1·2	15	+ 2
2. ENGLAND, N.E. — Southern part.	†Spurn Head (Skegness)	46	33	44·1	36·9	40·6	+ 2·0	6	20	6	0·67	+ 0·39	19·7	—	36	—
	Lincoln	49	29	45·9	34·1	40·2	+ 3·2	11	32	6	0·64	+ 0·29	*	*	*	*
	†Fulbeck (Rauceby)	49	30	45·1	34·7	40·1	+ 3·6	9	29	6	0·67	+ 0·30	18·2	—	33	—
3. ENGLAND, E. — Northern part.	Hillington	47	28	44·7	34·9	40·0	+ 2·8	8	28	6	1·27	+ 0·83	14·4	+ 3·4	26	+ 6
	†Yarmouth (Lowestoft)	48	33	44·3	36·3	40·5	+ 2·8	6	23	6	1·04	+ 0·68	23·6	—	42	—
	Geldeston	49	31	45·6	36·3	41·1	+ 2·9	10	24	6	0·94	+ 0·59	22·5	+ 10·1	40	+ 18
3. ENGLAND, E. — Southern part.	Cambridge	49	28	46·4	35·6	41·2	+ 3·3	12	27	5	0·51	+ 0·19	24·0	+ 12·4	43	+ 22
	Felixstowe	48	31	46·0	36·1	41·3	+ 2·7	11	25	6	0·89	—	25·8	—	45	—
	Clacton-on-Sea	47	31	44·9	36·4	40·8	+ 2·7	8	23	4	0·79	—	29·0	—	51	—
	Rothamsted	49	28	46·2	34·8	40·7	+ 3·2	12	30	6	0·87	+ 0·38	26·9	+ 15·8	47	+ 28
	†Shoeburyness (Margate)	49	31	47·0	37·4	42·4	+ 3·9	22	13	4	0·92	+ 0·61	23·1	+ 12·2	41	+ 21
	London, Westminster	51	30	47·6	36·6	42·3	+ 3·1	25	15	5	0·89		18·3	+ 13·7	32	+ 24
4. MIDLAND COUNTIES. — Eastern part.	Harrogate	47	28	42·5	33·5	38·2	+ 1·0	1	32	5	1·70	+ 1·20	10·0	—	18	—
	†Bawtry (Worksop)	49	34	45·6	37·7	41·8	+ 4·3	10	19	4	0·50	+ 0·13	14·5	+ 6·1	26	+ 11
	Nottingham	50	28	46·3	34·6	40·7	+ 3·0	12	31	5	0·71	+ 0·31	15·2	—	27	—
	†Colly Weston (Oundle)	? 52	27	45·9	34·1	40·2	+ 2·9	11	32	6	1·01	+ 0·66	*	*	*	*
	Birmingham, Edgbaston	47	30	43·7	34·4	39·2	+ 1·1	5	29	6	0·98	+ 0·53	12·2	—	22	—
	Oxford	51	29	46·9	35·3	41·3	+ 2·7	14	28	5	0·74	+ 0·30	21·9	+ 10·9	38	+ 19
4. MIDLAND COUNTIES. — Western part.	Cheadle	46	27	43·3	32·0	37·9	+ 1·0	4	38	6	1·14	+ 0·57	*	*	*	*
	Shrewsbury	51	30	48·1	35·8	42·2	+ 3·9	27	17	5	0·76	—	*	*	*	*
	Hereford	48	26	46·5	35·2	41·1	+ 2·4	13	29	6	1·21	+ 0·68	*	*	*	*
	Cirencester	50	26	46·4	32·9	39·9	+ 2·2	12	37	6	0·87	+ 0·31	?	?	?	?
	Bath	51	26	48·4	35·9	42·4	+ 2·6	28	17	6	0·82	+ 0·25	22·3	—	39	—
5. ENGLAND, S.	†London, Brixton (Kew)	49	29	47·0	36·1	41·8	+ 2·7	14	26	5	1·11	+ 0·61	25·1	+ 15·5	44	+ 27
	Wisley, Surrey	50	29	46·7	36·9	42·0	+ 3·7	13	14	6	1·01	—	25·3	—	44	—
	Swarraton	50	28	46·1	34·7	40·6	+ 2·9	11	30	6	1·60	+ 0·99	*	*	*	*
	Tunbridge Wells	49	28	45·4	35·1	40·5	+ 2·7	10	28	5	1·26	+ 0·69	28·1	+ 17·3	48	+ 30
	†Dungeness (Littlestone)	50	30	47·7	38·4	43·2	+ 3·7	24	10	6	0·81	+ 0·39	24·2	—	42	—
	Hastings	50	32	46·8	38·2	42·7	+ 3·2	21	11	5	0·88	+ 0·32	31·8	+ 18·1	55	+ 31
	Southampton	53	29	48·9	37·6	43·5	+ 3·6	29	12	6	2·33	+ 1·73	28·3	+ 16·7	49	+ 29
	†Portland Bill (Bournemouth)	50	32	48·1	40·9	44·6	+ 4·1	23	3	6	0·73	—	28·5	—	49	—
6. SCOTLAND, W.	Laudale, Loch Sunart	49	33	44·4	35·0	39·9	- 0·3	7	28	7	4·30	+ 2·44	*	*	*	*
	Glasgow	48	34	43·8	35·5	39·8	+ 1·2	5	25	5	0·77	- 0·04	8·4	+ 3·1	16	+ 6
	Cally	46	31	42·9	34·5	38·9	+ 0·6	3	28	6	0·91	- 0·13	*	*	*	*
	‡Aspatria	48	30	43·5	33·4	38·7	+ 1·3	4	33	7	1·73	+ 1·10	9·5	—	18	—
	Douglas, Isle of Man	49	35	45·6	36·7	41·3	+ 0·6	10	22	6	1·73	+ 0·83	11·9	+ 0·6	22	+ 1
7. ENGLAND, N.W.	‡Aspatria	48	30	43·5	33·4	38·7	+ 1·2	4	33	7	1·73	+ 1·10	9·5	—	18	—
	Newton Rigg	48	28	45·2	32·3	39·0	+ 2·1	9	38	6	1·59	+ 0·83	6·9	- 2·1	13	- 4
	Stonyhurst	47	32	43·0	34·3	38·8	+ 0·9	3	29	6	2·19	+ 1·28	7·5	- 0·6	14	- 1
	Blackpool	49	32	45·0	35·4	40·4	+ 2·0	8	27	5	1·75	+ 1·14	11·9	+ 3·1	22	+ 6
	Manchester, Prestwich	48	29	44·0	33·9	39·2	+ 1·1	6	32	5	1·75	+ 1·06	6·6	+ 1·6	12	+ 3
	†Liverpool Obs. (Hoylake)	48	33	45·0	36·6	41·0	+ 1·5	8	22	5	1·29	+ 0·82	15·4	—	28	—
	Hawarden Bridge	51	29	47·2	37·3	42·5	+ 2·0	23	13	5	1·02	+ 0·64	*	*	*	*
NORTH WALES	Llandudno	51	38	46·4	40·5	43·6	+ 2·1	18	4	5	1·23	+ 0·64	9·7	- 1·3	18	- 2
	Holyhead	49	37	46·0	38·0	42·2	+ 0·3	18	11	5	1·66	+ 0·96	*	*	*	*
	Bettws-y-Coed	50	28	46·0	34·6	40·5	+ 0·1	11	30	7	3·14	—	6·2	—	11	—
8. SOUTH WALES	Llangammarch Wells	49	22	46 0	33·2	39·9	+ 3·1	11	36	6	2·52	—	9·2	—	16	—
	Pembroke	50	36	48·7	41·3	45·2	+ 2·7	25	2	6	1·70	+ 0·91	11·7	- 0·6	21	- 1
	Cardiff	51	25	48·8	34·9	42·1	+ 1·7	31	20	6	2·23	+ 1·38	*	*	*	*
8. ENGLAND, S.W.	Clifton	50	29	47·3	35·1	41·4	+ 1·5	15	29	5	1·06	+ 0·37	*	*	*	*
	†Shaftesbury (Marlborough)	48	28	45·9	35·1	40·7	+ 3·0	11	28	5	0·95	+ 0·31	14·7	+ 5·1	26	+ 9
	Arlington, N. Devon	49	28	47·1	36·0	41·8	+ 1·5	14	26	6	1·89	+ 0·89	*	*	*	*
	Cullompton	50	27	49·0	36·0	42·8	+ 2·7	31	17	6	1·03	+ 0·28	17·6	+ 7·0	30	+ 12
	Plymouth	53	31	49·6	39·5	44·8	+ 2·7	30	7	6	1·26	+ 0·46	21·2	+ 9·6	36	+ 16
	Falmouth	51	33	48·2	39·2	43·9	+ 0·4	25	8	6	1·54	+ 0·47	20·7	+ 7·4	35	+ 13
9. IRELAND, N. — Western part.	Malin Head	47	34	44·1	36·6	40·5	- 0·9	6	21	7	1·41	+ 0·82	*	*	*	*
	Edenfel	48	31	42·6	32·9	37·9	- 0·2	2	33	7	1·58	+ 0·79	*	*	*	*
	Blacksod Point	51	34	46·1	36·7	41·6	- 1·3	11	23	7	2·44	+ 1·34	*	*	*	*
	Markree Castle	49	28	43·5	32·0	38·0	- 1·8	4	38	6	2·13	+ 1·28	11·1	+ 1·5	21	+ 3
9. IRELAND, N. — Eastern part.	Armagh	48	31	43·8	32·8	38·5	- 0·8	5	35	6	1·03	+ 0·43	14·4	+ 3·8	27	+ 7
	Donaghadee	49	33	44·3	35·0	39 8	- 0·8	6	27	7	0·80	+ 0·20	*	*	*	*
10. IRELAND, S. — Eastern part.	Dublin, City (Phœnix Park)	52	32	46·1	34·6	40·6	- 1·1	11	31	6	1·46	+ 0·97	17·3	+ 4·0	32	+ 7
	Kilkenny	50	25	44·9	33·7	39·5	- 1·5	8	32	6	1·35	+ 0·59	*	*	*	*
	Waterford	53	29	47·9	34·0	41·2	0·0	17	34	5	1·29	+ 0·36	*	*	*	*
10. IRELAND, S. — Western part.	Birr Castle	51	28	45·0	33·0	39·2	- 0·7	8	35	6	1·67	+ 1·03	15·0	+ 3·4	27	+ 6
	Foynes	50	31	45·0	35·1	40·3	- 1·4	8	28	7	1·97	+ 1·15	*	*	*	*
	Killarney	51	29	47·3	35·0	41·4	- 1·8	15	30	6	1·83	+ 0·43	*	*	*	*
	Valencia	51	31	47·3	37·9	42·8	- 2·0	23	11	7	2·15	+ 0·80	11·9	+ 0·2	21	0
	Roches Point	51	34	46·6	37·6	42·3	- 1·2	21	12	6	1·30	+ 0·17	18·1	—	31	—
11. CHANNEL ISLANDS	Scilly, St. Mary's	52	40	49·3	43·3	46·4	+ 0·6	31	0	6	0·98	+ 0·22	22·5	+ 9·0	38	+ 15
	Jersey, St. Aubins (St. Heliers)	53	39	50·3	42·4	46·5	+ 3·9	32	0	7	0·68	- 0·01	27·2	+ 11·6	45	+ 19
	Guernsey	51	37	48·5	41·9	45·3	+ 2·1	24	0	5	0·96	+ 0·16	25·8	+ 13·8	43	+ 23

Information for Stations marked ℳ is supplied by the Royal Meteorological Society, and that for Stations marked 𝒮 is supplied by the Scottish Meteorological Society.

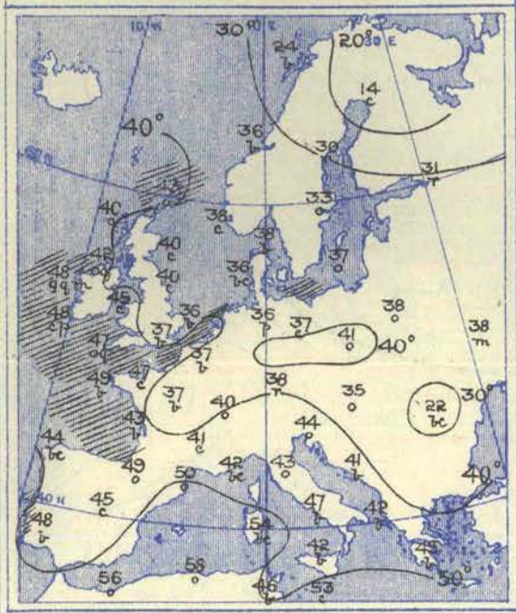
* An Asterisk is inserted in all places for which the information is not usually given.

† There is no Sunshine Recorder in use at this Station. The figures entered for Sunshine are those recorded at a neighbouring Station of which the name is given in brackets.

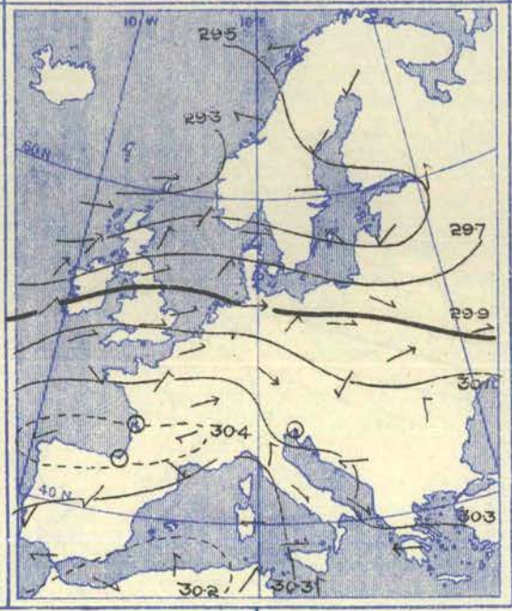
‡ This station is included in two districts to facilitate the compilation of values for the Agricultural divisions of the country adopted by the Board of Agriculture, as well as the Forecast districts of the Meteorological Office.

Sunday, 14th January, 1906.

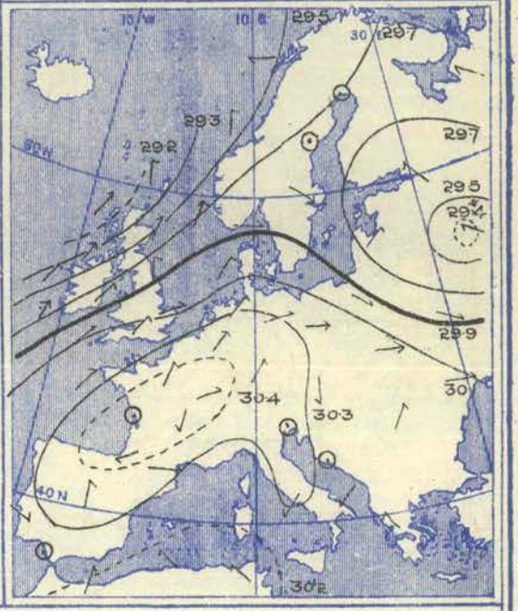
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. overcast in several localities, with rain or snow in Sweden and at Riga and Munich, and showers of rain at Cuxhaven and some of our western stations. Fair or fine over our area as a whole. Rain falling in most parts of these Islands later and at a few isolated places on the Continent, but remaining fine and dry generally.

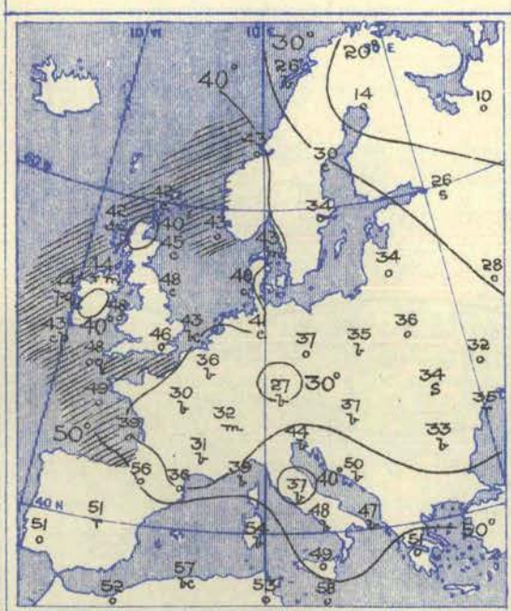
TEMPERATURE fallen over England, the adjacent portion of the Continent, and also in the north of Scandinavia; risen in most other regions. Readings at 8 a.m. about 50° on our south-west coasts and along the west coast of France, and as high as 58° at Oran and Algiers. Above the freezing point in nearly all parts of our area, but as low as 22° at Hermanstadt and 14° at Haparanda. Maxima during day about 50° at various stations in the United Kingdom, a little higher on the coasts of France and Italy, 61° at Bilbao and Malta, and 63° in Algeria.

WIND in morning moderate to strong from the Westward over Great Britain and all the central countries of the Continent, but South-Westerly in Ireland; drawing into South in the north of Russia and into East in the north of Scandinavia. Mainly light or moderate in force and variable in direction over the southern parts of our area. Increasing to a gale from the South-Westward in Ireland by evening, and backing to South-West and increasing considerably in force over England and Scotland. Attaining the strength of a gale over the north-east of Great Britain by night.

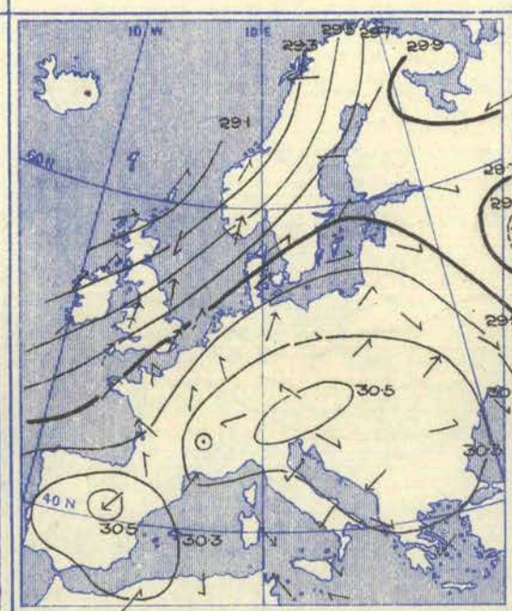
BAROMETER in morning above 30·4 ins. in the central part of an anticyclone extending from the north of Spain to Switzerland, and below 29·3 ins. in a depression off the north of Scotland. Relatively low in another minimum over the Baltic Province of Russia. Anticyclone moving towards central Europe during day, and another depression approaching our north-west coasts. Gradients increasing quickly and becoming steep over these Islands and the North Sea.

Monday, 15th January, 1906.

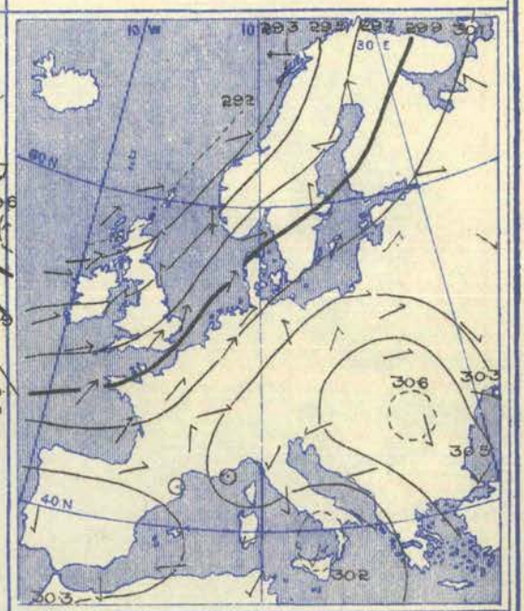
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine and bright in many parts of France and Italy; cloudy or quite overcast in most other places, with rain in Ireland, the south of Scotland, and in Spain, and lightning in the Hebrides. Snow prevailing at St. Petersburg. Rain experienced later in Norway, nearly all parts of these Islands, France, and the south of Italy. Heaviest amounts, 0·9 in. at Lyons, 0·7 in. at Skudesnaes, and 0·6 in. at Blacksod Point.

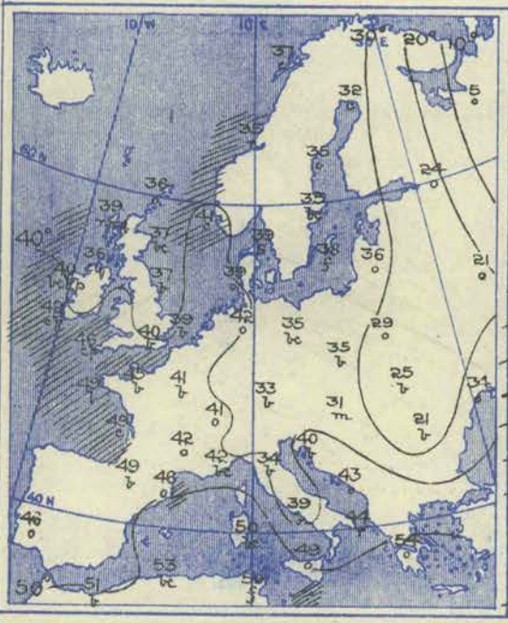
TEMPERATURE changed irregularly. Morning readings above 50° at a few stations in the far south, and as high as 58° and 59° respectively at Malta and Oran. Below 40° over the major portion of the Continent, and below 32° in the north-east and some of the central regions. Lowest values, 14° at Haparanda and 10° at Archangel. Maxima during day less than 50° as a whole, but above it in the south, and about 60° in a few places.

WIND in morning strong to a gale from the Southward or South-Westward over our Islands and the other north-western countries. Light and anticyclonic over the central regions, and light or moderate from some Northerly point on the shores of the Mediterranean. Veering somewhat and decreasing in force over our Islands later, but continuing Southerly and blowing a whole gale at Skudesnaes.

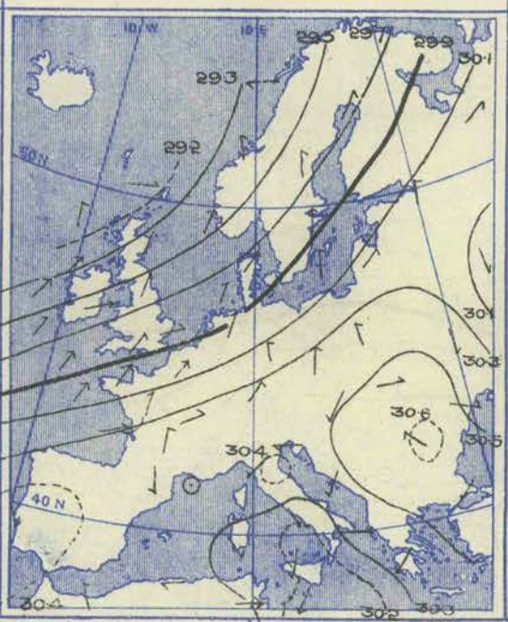
BAROMETER at 8 a.m. above 30·5 ins. in the centre of Spain and over the southern part of central Europe. Below 29·9 ins. in the neighbourhood of Moscow, and below 29·1 ins. in a large depression off our own north-west coast. Gradients steep over all the north-western portion of our area. Barometer rising again on our west and north coasts later, and gradients decreasing generally. A shallow disturbance appearing in the south of Italy and over Sicily. Highest pressure moving to Transylvania.

Tuesday, 16th January, 1906.

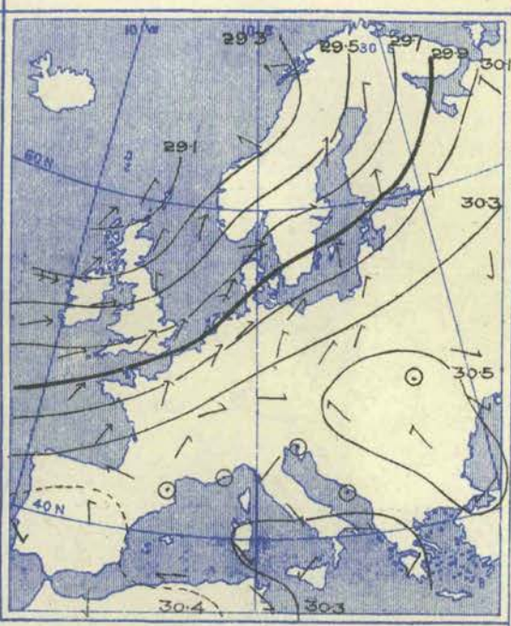
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine and bright in several parts of our Islands, France, and central and southern Europe; cloudy or overcast in nearly all other regions. Rainy at some of our own western stations, at Christiansund, Limoges, Brindisi, and Malta, and foggy at Prague and Wisby. Rain falling later throughout this country and in most other parts of north-western Europe, as well as at Tunis.

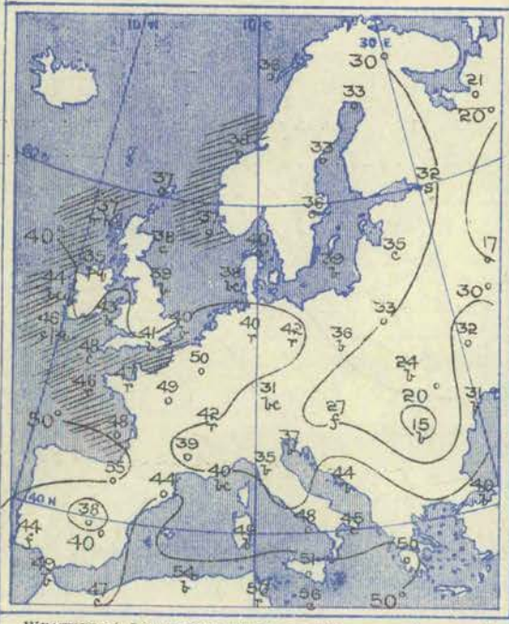
TEMPERATURE fallen generally, but risen at most French and Scandinavian stations. Readings in morning as low as 5° at Archangel, and below the freezing point in most parts of Russia and its vicinity. Below 40° over the greater portion of the United Kingdom and at Florence and Rome, but increasing further south to above 50°; highest values, 55° at Malta and 56° at La Calle. Maxima during day about 60° in the extreme south and 59° at Biarritz; about 50° at some of our own stations, and in the north of France and the Netherlands.

WIND in morning South-Westerly over all the north-western half of our area; moderate or fresh generally, but very strong in places, especially on our south-west coasts. Light anticyclonic winds prevailing in the south-west and south-east of our area, but fresh or strong cyclonic breezes over the central portion of the Mediterranean. Scarcely any change in direction later, but a considerable increase in force taking place over our Islands and their neighbourhood. Rising to a gale at Blacksod Point, Portland Bill, and Fanö.

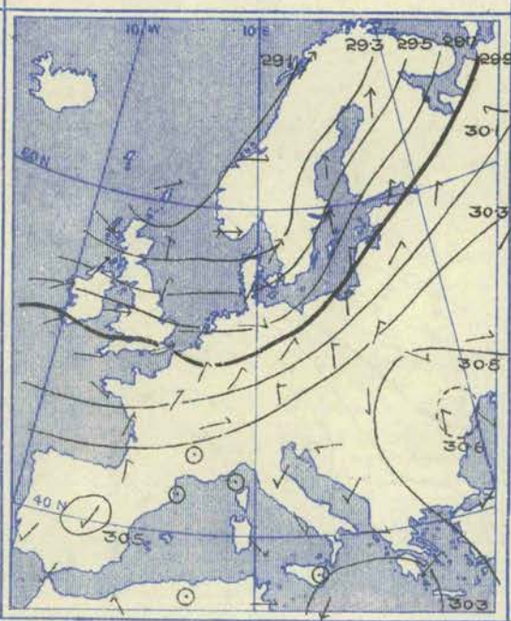
BAROMETER at 8 a.m. ranging from 30·6 ins. in Transylvania and above 30·4 ins. in the Spanish Peninsula, to below 30·0 ins. over central Russia, and to less than 29·2 ins. off the north-west of these Islands. Barometer falling still lower over this country during day and the gradient increasing over western Europe generally. Southern high pressures maintaining their position, and Russian depression disappearing to the eastward or dispersing.

Wednesday, 17th January, 1906.

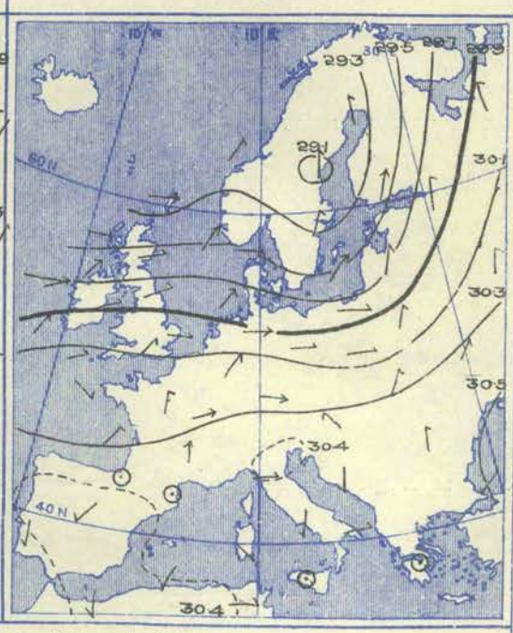
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. very cloudy or quite overcast generally, but fine and bright in several parts of England and Ireland, and also at many stations in the south and south-east of our area. Lightning reported in the Hebrides, and showers of rain or sleet from the west of Ireland and from Scotland. Steady rain falling in Tunisia, the north of France, the Low Countries, and North Germany, as well as at Copenhagen and Karlstad, and snow at St. Petersburg. Rain becoming general in this country later—amounts heavy in Ireland—and considerable quantities also experienced in most other regions of Europe. A thunderstorm occurring at Fanö.

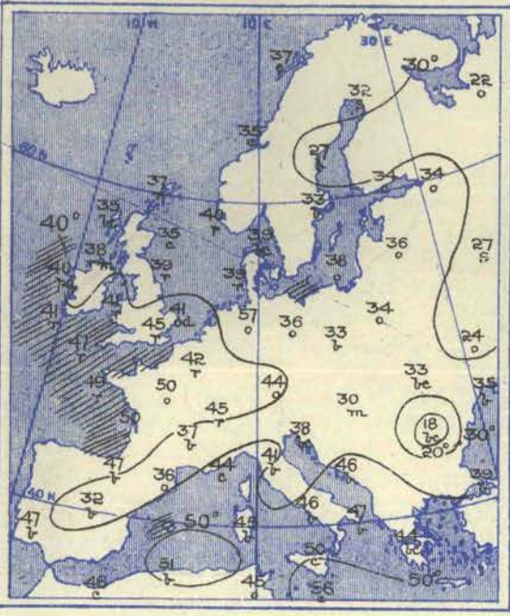
TEMPERATURE showing very little change. Morning readings, 56° at Malta and La Calle, 55° in the south-west of France, and 53° at Patras. Below 40° generally and below 32° over Russia and Austria. Lowest readings, 17° at Moscow and 15° at Hermanstadt. Maxima during day above 60° in Algeria and above 55° in several other southern localities. Thermometer remaining below 40° at several stations in central Europe and not touching 32° at Buda-Pesth and Hermanstadt.

WIND in morning fresh or strong from between South-West and North-West over these Islands and the north of France, and strong to a gale from the Southward over the Netherlands, the Baltic region, and Scandinavia. Light or moderate and mainly anticyclonic over the southern countries and the Mediterranean. Scarcely any change of importance taking place later in day, but some backing occurring on our extreme south-west coasts.

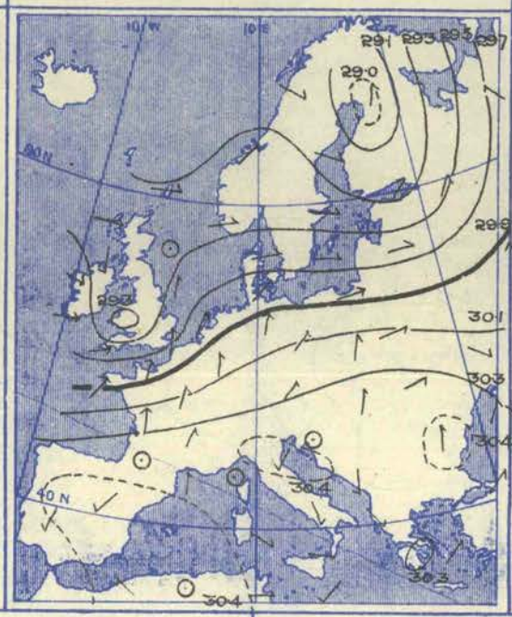
BAROMETER at 8 a.m. below 29·1 ins. in a large depression lying off the west of Norway and increasing to the southward to above 30·5 ins. in central Spain, and to 30·6 ins. and upwards in Roumania. Some slight irregularities of pressure shown over our Islands, France, and the Netherlands. Northern disturbance moving eastwards later, and barometer falling to 29·08 inches at Hernösand. Pressure increasing over our Islands and France during day, but beginning to decrease in the south-west of Ireland by the early evening.

Thursday, 18th January, 1906.

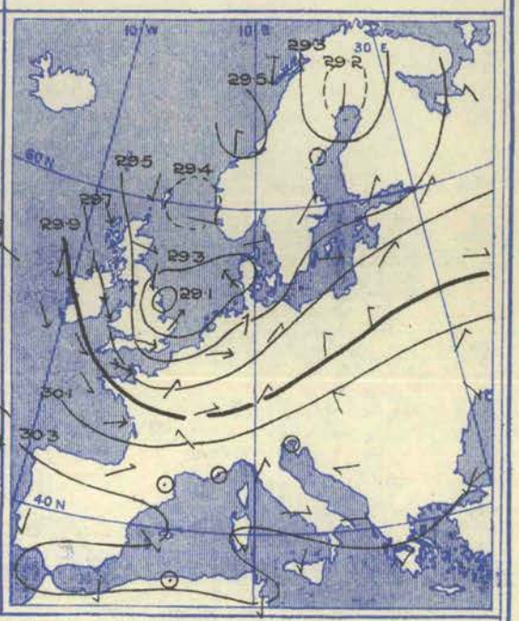
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. very rough and squally over our more southern districts and the nearer parts of the Continent, with rain in many places. Varying greatly elsewhere, but only fine and bright generally over the Mediterranean region and the Spanish Peninsula. Snow falling at Moscow and Haparanda. Hail, sleet, and snow experienced later over the north and north-west of these Islands, and a thunderstorm in the south-west of Ireland. Rain area extending eastwards to Germany.

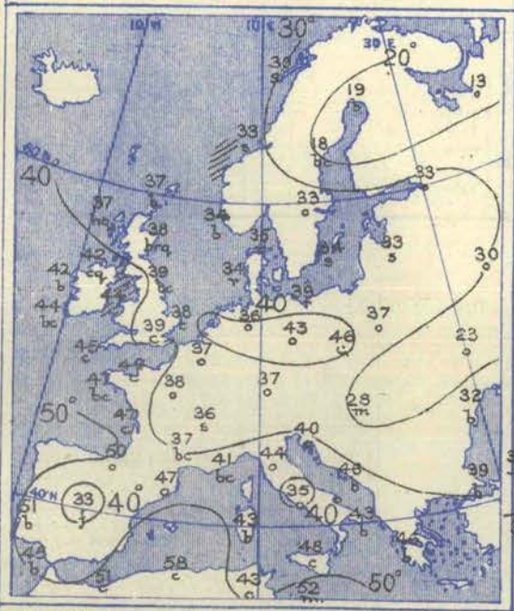
TEMPERATURE risen in a few localities, but fallen as a whole. Morning readings ranging from 56° at Malta, 51° at Algiers, and nearly 50° on our south coasts, to 32° at Madrid and Nairn, and to a lower level at some stations in the north and east of our area. Lowest figures, 22° at Archangel and 18° at Hermanstadt. Rising during the day to 64° in Algeria, 63° at San Fernando, and to 60° at Palermo and Malta. Maxima below the freezing point at Buda-Pesth, but as high as 50° at Prague and at some German stations.

WIND in morning showing a complete cyclonic circulation around the Irish Sea and also over the most northern parts of Europe. Strong on most of our own coasts, with a gale from West or South-West in the south and south-west of England and Ireland. Light anti-cyclonic breezes prevailing over the southern half of our area and the Mediterranean. Increasing to a fresh or strong gale from West or North-West later in most parts of this country and the west and north of France, and from South-East in Denmark, and blowing with considerable strength from the South-Westward in Germany and the Low Countries.

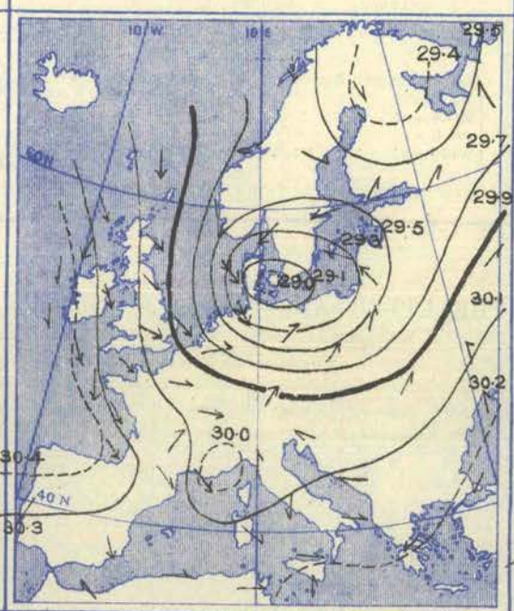
BAROMETER at 8 a.m. as high as 30·4 ins. and above in most parts of our area below Lat. 45°; decreasing to less than 29·3 ins. in a small depression, with steep gradients, centred over the northern part of the St. George's Channel, and to below 29·0 ins. in another disturbance having its centre over the north of the Gulf of Bothnia. Former system travelling eastwards during day and increasing in intensity. Barometer rising quickly in its rear and gradients become very steep over our Islands and their neighbourhood. Northern depression decreasing in depth.

Friday, 19th January, 1906.

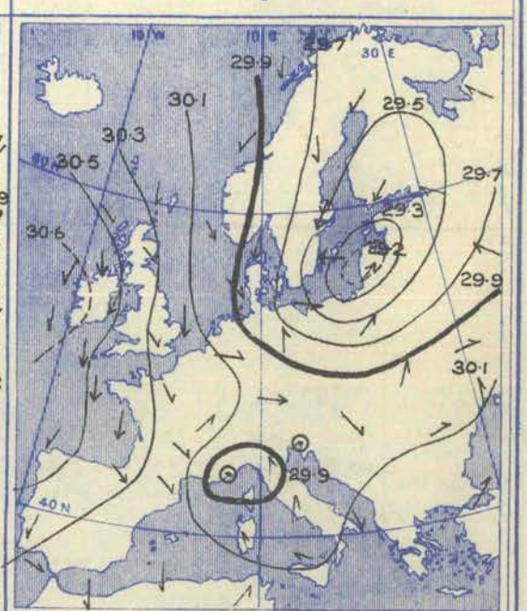
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fair over the greater portion of these Islands, but squally and showery in places, especially in the north and west. Extremely rough over the Baltic region, with rain in many places and snow at Wisby and in the west of Norway. Fine and bright at most stations in the south and south-east of our area, but rainy at Trieste. Rain or snow falling over the northern parts of the Continent later, and rain in Italy and Algeria and also on the shores of the Adriatic—largest amounts, 0·4 in. at Algiers, 0·6 in. at Stockholm, and 1·0 in. at Trieste.

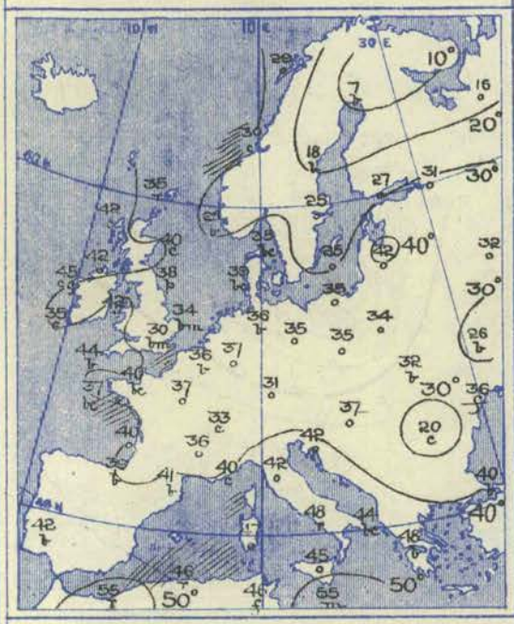
TEMPERATURE risen in Germany and Poland, fallen elsewhere. Readings at 8 a.m. all below 50° except at a very few of the most southern stations; highest value, 58° at Algiers. Generally below the freezing point in the north and east of our area, and below 20° in places. Lowest readings, 23° at Kieff, 18° at Hernösand, and 13° at Archangel. Frost continuing all day in many northern and eastern regions, but thermometer rising to 36° at St. Petersburg. Maxima 60° or slightly higher in Algeria and at Malta and San Fernando; above 50° in the south of Europe generally.

WIND in morning showing a vast cyclonic circulation over all the northern and central countries. Northerly and North-Westerly current blowing with the force of a fresh breeze to a fresh gale over the United Kingdom and the adjacent parts of the Continent, and that from South-West blowing a moderate gale over Prussia. A separate cyclonic movement of light to fresh winds prevailing around the south-east of France, and light breezes from the North-Eastward in the Spanish Peninsula. Wind veering to the Northward later over our Islands and France, and increasing to a gale from the North-Eastward over the upper part of the Baltic.

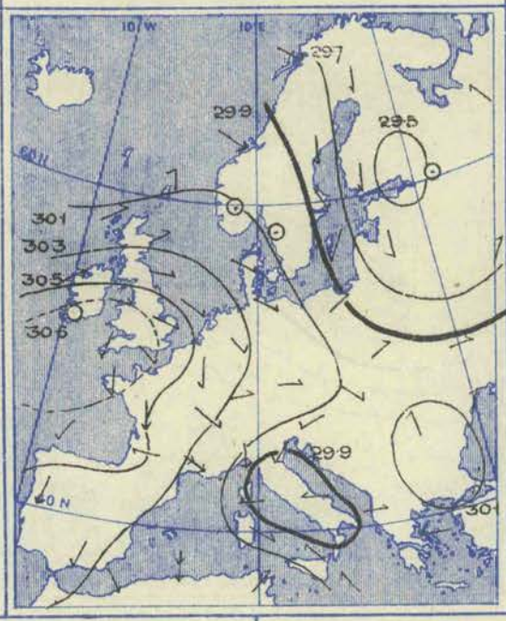
BAROMETER in morning above 30·4 ins. over the Bay of Biscay and the west of Ireland, to below 30·0 ins. in a shallow depression centred near Nice, to 29·4 ins. and less in another system over the north of Finland, and to below 29·0 ins. in a deep disturbance having its centre over The Sound. Gradients steep over our Islands, and very steep over Germany and the Baltic region generally. Danish depression travelling to Courland later, and pressure increasing quickly in its rear.

Saturday, 20th January, 1906.

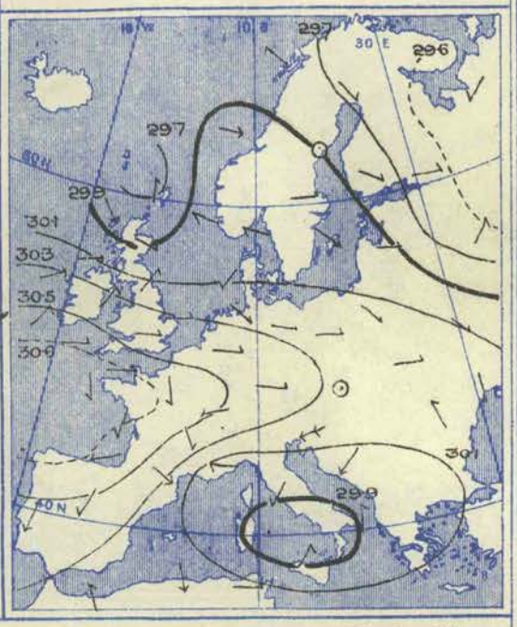
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. cloudy or quite overcast as a whole, with showers in the north-east of England, and steady rain at Sumburgh Head, Naples, and at some Algerian stations. Fine and bright in many parts of Sweden, England, and over a large portion of southern Europe. Rain becoming general later over the United Kingdom and its immediate neighbourhood, and also over the southern half of Italy and the neighbouring Islands. More than an inch measured at Rome and two inches at Brindisi.

TEMPERATURE fallen in nearly all regions except Russia. Morning values ranging from 55° at a few stations in the extreme south to below the freezing point over central England and over large areas of the Continent. Lowest readings, 20° at Hermanstadt, 16° at Archangel, and 7° at Haparanda. Maxima during day, above 45° at most of our own and the French stations, and above 50° in some of the most southern parts of our area. Highest figures, 68° at Cagliari and Palermo. Severe frost continuing all day in the extreme north-east and east of Europe.

WIND in morning moderate from the Westward or North-Westward over our Islands, and from the Northward in France and the Spanish Peninsula. Two extensive cyclonic circulations shown elsewhere, one over Russia and its vicinity, and the other over Italy and the Mediterranean region generally. Wind backing to the South-Westward over the greater part of England later, but veering to the North-North-Westward in the Hebrides. Some increase of force taking place on our own north-west coasts and also over the Mediterranean and the Adriatic.

BAROMETER at 8 a.m. above 30·6 ins. in a large anticyclone extending from the Atlantic to the more south-western parts of these Islands, and relatively high over the south-east of Europe. Below 29·9 ins. in a depression over the Gulf of Tuscany, and less than 29·4 ins. in another system centred over the Gulf of Finland. Both disturbances travelling eastwards during day, but a new one appearing off the north of Scotland. Anticyclone receding southwards.

IV.—BRIGHT SUNSHINE Values for the Week, in addition to those on page 14.

	STATIONS.	No. of Hours recorded.	Difference from the Mean for the Week.	Percentage of Possible Duration	Difference from the Mean for the Week.
1.	Crathes	9·4	—	18	—
	Balruddery	12·2	—	24	—
2.	Saltburn-by-the-Sea	7·7	—	14	—
	York	—	—	—	—
3.	Cromer	18·7	—	33	—
	Dunmow	24·7	—	43	—
4.	Sheffield	12·3	—	22	—
5.	London, Bunhill Row	9·2	+ 5·9	16	+ 10
	Ramsgate	31·2	—	54	—
	Eastbourne	27·9	+ 14·9	48	+ 26
	Brighton	29·4	+ 17·1	51	+ 30
	Worthing	31·5	—	54	—
	Bognor	30·5	—	53	—
	Ventnor Hospital	26·8	+ 13·7	46	+ 24
7.	Southport	11·6	—	21	—
	Rhyl	14·4	—	26	—
	Aberdovey	10·0	—	18	—
	Aberystwyth	12·5	—	22	—
8.	Tenby	14·6	+ 1·3	26	+ 2
	Torquay	26·3	+ 12·9	45	+ 22
	Newquay	17·4	+ 5·3	20	+ 9

V.—OBSERVATIONS IN THE UPPER AIR.—Temperature, Humidity and Wind Velocity.

Date of Observation.	Station and its Height above M.S.L.		Heights in feet above Mean Sea Level. Ground Level.	1,660.	3,320.	5,000.	6,660.	8,320.	10,000.	Remarks.
1906. January 17th	Ditcham Park, Petersfield, 450 ft.	Temperature F.								Record not decipherable. Maximum height attained was 4,650 ft.
		Humidity								
		Wind Velocity, m. per hr.								
January 19th 11.0 a.m.	Oxshott, 200 ft.	Temperature F.	40°	33°						At 1,660 ft. the strain on the wire exceeded 200 lbs. and the kite was drawn in for fear of breakage. A second attempt one hour later led to the same result.
		Humidity	80	80						
		Wind Velocity, m. per hr.	10, NW.	45, NW.						
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								
		Temperature F.								
		Humidity								
		Wind velocity, m. per hr.								
	Correction to previous Report.									
January 13th. noon.	Ditcham Park, Petersfield, 450 ft.	Temperature F.	48°	41°	33°	28°				
		Humidity	100	100	80	65				
		Wind Velocity, m. per hr.								

63, Victoria Street, London, S.W.
January 24th, 1906.

W. N. SHAW,
Director.

ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE,

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TWENTY-NINTH YEAR. Vol. XXIII. (New Series.) } No. 4. FOURTH WEEK, ENDING SATURDAY, JANUARY 27TH, 1906. [Price 6d. Annual Subscription post paid £1 10s. 0d.

FOR THE PUBLIC SERVICE

I.—GENERAL REMARKS.

Weather was mainly fair and dry in the south and east, but unsettled, with frequent rain, in the west and north-west. In the east and north-east of Great Britain rain was infrequent, while in the most northern and north-western parts of the Kingdom a measurable quantity occurred almost daily.

Rainfall was less than the average except in Scotland N., where there was a large excess. Some heavy amounts were experienced in the south-west on Wednesday, the largest measurement being 1·02 in. at Arlington.

Temperature was above the average in all districts except the Channel Islands; over the northern half of the Kingdom the excess was considerable, that in Scotland E. amounting to nearly 5°; in England S. and S.W., however, it was less than 1°. The highest of the maxima were registered towards the end of the week. In the Midland Counties the thermometer rose to 57°, and in Scotland E. and England N.E. to 56°, while elsewhere the highest values ranged from 55° in England N.W. and Ireland S., to 51° in the Channel Islands. The lowest of the minima, which were recorded at the beginning of the week, ranged from 21° in England S.W. and 24° in several other parts of Great Britain, to 25° or 26° in the most western and northern districts, and to 27° in the Channel Islands.

Bright Sunshine was deficient over the major portion of the Kingdom, but in excess in the Midland Counties, England S. and S.W., and the Channel Islands. The percentages of the possible duration ranged from 29 in the Channel Islands and 26 in England S.W., to 13 in Scotland W., and to 11 in Ireland N.

Barometer and Wind. At the commencement of the week the centre of a depression which had moved south-south-eastwards lay a little to the northward of Holland, and the barometer being highest off the west of Ireland the general direction of the wind was Northerly. By Monday, however, an anticyclone had arrived from the Westward and covered the whole of the United Kingdom and most of the North Sea. This system subsequently travelled slowly south-eastwards to the Continent, and after Tuesday our Islands came under the influence of large and deep cyclonic disturbances travelling in a general easterly direction over the northern regions of the Atlantic to northern Europe. The South-Westerly to Westerly winds accompanying these systems were usually fresh to very strong, and at times increased to the force of a gale on our north-west and north coasts.

SUMMARY OF TEMPERATURE, RAINFALL, AND DURATION OF BRIGHT SUNSHINE IN THE UNITED KINGDOM, FOR AGRICULTURAL AND SANITARY PURPOSES.

THE WEEK (4th) – January 20th to 27th, 1906.

DISTRICTS. (See p. 20.)	Temperature. Highest.	Lowest.	Means of: Daily Max.	Daily Min.	Daily Mean.	Difference from Av. (35 Yrs.)	Accumulated. Number of Day-Degrees. Above 42°	Difference from Av. (25 Yrs.)	Below 42°	Difference from Av. (25 Yrs.)	Rainfall. Number of Rain-Days.	Diff. from Av. (35 Yrs.)	Total Fall.	Difference from Average (35 Yrs.)	Sunshine. Hours recorded.	Diff. from Av. (25 Yrs.)	Percentage of Possible Duration.	Diff. from Av. (25 Yrs.)
	°	°	°	°	°	°	Day-deg.	Day-deg.	Day-deg	Day-deg.			Inches.	Inches.			%	%
0. SCOTLAND, NORTH ..	52	26	46·0	36·5	41·5	+ 3·7	11	+ 4	21	- 12	6	+ 1	2·48	+1·37	7	- 1	14	- 1
Eastern 1. SCOTLAND, EAST ..	56	25	48·0	36·6	42·5	+ 4·7	26	+18	15	- 27	2	- 2	0·35	-0·21	14	0	25	0
Eastern 2. ENGLAND, N.E. ..	56	24	46·3	36·6	41·6	+ 3·6	12	+ 4	23	- 13	2	- 1	0·10	-0·29	11	- 1	19	- 3
Eastern 3. ENGLAND, EAST ..	54	25	45·0	34·3	39·9	+ 1·5	8	- 1	31	- 9	3	- 1	0·31	-0·07	10	- 2	17	- 3
Eastern 4. MIDLAND COUNTIES	57	24	46·1	34·7	40·6	+ 2·4	11	0	30	- 11	2	- 2	0·24	-0·23	10	+ 1	18	+ 2
Eastern 5. ENGLAND, SOUTH ..	53	24	45·3	34·0	39·9	+ 0·6	9	- 3	32	+ 1	4	0	0·38	-0·14	15	+ 2	24	+ 4
Western 6. SCOTLAND, WEST ..	52	24	46·2	38·6	42·5	+ 3·4	18	+ 8	10	- 19	4	- 1	0·93	-0·10	7	- 1	13	- 2
Western 7. ENGLAND, N.W. ..	55	26	46·0	38·6	42·4	+ 3·1	17	+ 8	10	- 20	3	- 1	0·39	-0·24	8	- 2	14	- 3
Western 8. ENGLAND, S.W. ..	54	21	46·4	35·3	41·1	+ 0·6	12	- 4	28	+ 5	3	- 1	0·59	-0·21	16	+ 5	26	+ 8
Western 9. IRELAND, NORTH ..	54	26	47·5	39·3	43·5	+ 3·1	22	+ 9	8	- 18	5	0	0·37	-0·37	7	- 5	11	- 8
Western 10. IRELAND, SOUTH ..	55	25	48·8	38·2	43·7	+ 1·5	28	+ 8	11	- 8	4	0	0·19	-0·73	11	- 3	19	- 5
11. CHANNEL ISLANDS..	51	27	47·5	38·4	43·1	- 0·8	23	- 2	10	+ 1	4	- 1	0·42	-0·31	18	+ 3	29	+ 5

THE SEASON (**Winter**).—Aggregates, &c., for the Period of 8 Weeks, December 3rd, 1905, to January 27th, 1906.

0. SCOTLAND NORTH ..	55	20	*	*	*	*	79	+17	168	- 86	43	+ 3	10·83	+1·34	42	- 5	11	- 1
Eastern 1. SCOTLAND, EAST ..	56	17	*	*	*	*	99	+34	171	-136	31	0	4·15	-0·87	71	- 4	18	- 1
Eastern 2. ENGLAND, N.E. ..	56	24	*	*	*	*	80	+ 6	167	- 96	24	- 5	2·81	-0·91	80	- 3	19	- 1
Eastern 3. ENGLAND, EAST ..	57	25	*	*	*	*	66	-13	206	- 89	27	- 4	4·14	+0·56	92	+ 9	21	+ 2
Eastern 4. MIDLAND COUNTIES	57	24	*	*	*	*	81	- 8	207	- 97	29	0	4·46	+0·27	82	+ 7	19	+ 2
Eastern 5. ENGLAND, SOUTH ..	57	23	*	*	*	*	130	+18	130	- 92	32	+ 2	5·56	+0·84	98	+11	22	+ 3
Western 6. SCOTLAND, WEST ..	54	24	*	*	*	*	110	+17	105	- 99	39	+ 3	9·19	-0·41	61	- 3	15	- 1
Western 7. ENGLAND, N.W. ..	57	26	*	*	*	*	116	+23	110	-100	32	- 1	5·67	-0·13	73	+ 9	17	+ 2
Western 8. ENGLAND, S.W. ..	55	21	*	*	*	*	163	+11	110	- 46	32	- 2	8·51	+1·32	96	+ 8	22	+ 2
Western 9. IRELAND, NORTH ..	54	26	*	*	*	*	147	+32	80	-108	46	+ 6	7·25	+0·69	77	+ 3	19	+ 1
Western 10. IRELAND, SOUTH ..	56	25	*	*	*	*	228	+52	57	- 83	40	+ 4	7·63	-0·33	79	-16	18	- 4
11. CHANNEL ISLANDS..	55	27	*	*	*	*	253	+14	13	- 40	37	+ 1	5·85	-0·81	121	+14	26	+ 3

THE YEAR.—Aggregates, &c., for the period of 4 Weeks, December 31st, 1905, to January 27th, 1906.

0. SCOTLAND, NORTH ..	52	23	*	*	*	*	15	-14	113	- 24	23	+ 4	6·74	+2·10	21	- 5	11	- 2
Eastern 1. SCOTLAND, EAST ..	56	17	*	*	*	*	29	- 3	107	- 55	16	+ 1	2·56	+0·26	35	- 8	17	- 4
Eastern 2. ENGLAND, N.E. ..	56	24	*	*	*	*	25	- 8	98	- 42	17	+ 3	2·38	+0·78	40	- 8	19	- 4
Eastern 3. ENGLAND, EAST ..	54	25	*	*	*	*	38	+ 4	101	- 58	18	+ 3	3·29	+1·68	58	+15	26	+ 7
Eastern 4. MIDLAND COUNTIES	57	24	*	*	*	*	38	- 4	112	- 51	19	+ 4	3·79	+1·84	46	+13	21	+ 6
Eastern 5. ENGLAND, SOUTH ..	55	24	*	*	*	*	79	+33	65	- 58	22	+ 7	4·82	+2·61	66	+19	29	+ 8
Western 6. SCOTLAND, WEST ..	52	24	*	*	*	*	36	- 5	74	- 38	21	+ 3	5·78	+1·49	26	- 5	12	- 2
Western 7. ENGLAND, N.W. ..	57	26	*	*	*	*	48	+10	68	- 48	21	+ 5	4·68	+2·09	29	- 8	13	- 4
Western 8. ENGLAND, S.W. ..	54	21	*	*	*	*	88	+21	58	- 31	22	+ 5	6·93†	+3·60	53	+12	23	+ 5
Western 9. IRELAND, NORTH ..	54	26	*	*	*	*	55	+ 2	69	- 33	26	+ 7	4·38	+1·31	39	- 1	18	0
Western 10. IRELAND, SOUTH ..	56	25	*	*	*	*	98	+17	50	- 24	24	+ 6	5·36	+1·56	48	- 4	22	- 2
11. CHANNEL ISLANDS..	55	27	*	*	*	*	132	+28	10	- 24	24	+ 6	4·48	+1·42	71	+16	30	+ 7

† This value has been altered owing to the receipt of further information.

Bright Sunshine.—For certain of the Districts the values of Bright Sunshine in this Table are based on the records from a part only of the Stations included in the Tables under II. and IV. For certain of the Stations Mean Values are not available, and for the Districts containing these Stations the "Differences from Mean" are based on the records from a smaller number of Stations than those supplying the values for "Hours Recorded."

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II.—DATA from which the SUMMARY on page 19 has been calculated.

January 21-27, 1906.

Districts.	Names of Stations.	Temperature. In Degrees Fahrenheit.								Rainfall.			Bright Sunshine.			
		Highest observed.	Lowest observed.	Averages for the Week. Of Highest each day.	Of Lowest each day.	For whole of each day.	Difference of Daily Average from Mean for the Week.	Accumulated Heat for the Week (in Day-degrees). Above 42°	Below 42°	Number of Rain-Days.	Rainfall in the Week.	Difference from the Mean for the Week.	Number of Hours recorded.	Difference from the Mean for the Week.	Percentage of possible duration.	Difference from the Mean for the Week.
		°	°	°	°	°		Day-deg	Day-deg		Inches.	Inches.	Hrs.	Hrs.	%	%
0. SCOTLAND, N.	†Sumburgh Head (Deerness)	48	34	45·1	37·3	41·4	+ 2·5	9	20	7	1·11	+ 0·27	13·1	+ 4·9	26	+ 10
	Wick	52	32	46·0	35·0	40·7	+ 2·8	11	29	3	0·45	− 0·08	*	*	*	*
	†Lairg (Strathpeffer) ℌ	52	32	46·6	35·3	41·2	+ 5·7	13	28	6	1·51	+ 0·75	9·1	− 0·3	17	− 1
	Stornoway	50	35	47·6	38·4	43·2	+ 4·3	24	10	6	1·98	+ 0·84	5·0	− 3·5	10	− 7
	Glencarron ℌ	48	29	45·5	37·3	41·6	+ 4·4	10	20	7	6·54	+ 4·38	*	*	*	*
	Fort Augustus ℌ	50	26	45·4	35·8	40·8	+ 2·5	10	25	5	3·26	+ 2·06	1·9	− 3·4	4	− 6
1. SCOTLAND, E.	Nairn	54	28	48·6	35·0	42·1	+ 4·6	30	20	3	0·61	+ 0·21	*	*	*	*
	Aberdeen	56	33	48·3	36·9	42·8	+ 5·0	27	14	1	0·05	− 0·45	21·4	+ 8·6	40	+ 16
	Braemar												*	*	*	*
	Clathick ℌ	53	26	48·3	37·3	43·0	+ 5·8	27	13	4	0·84	− 0·13	*	*	*	*
	†Leith (Edinburgh) ℌ	52	32	48·0	38·9	43·6	+ 4·2	24	9	3	0·17	− 0·22	5·6	− 3·1	10	− 6
	Marchmont ℌ	51	25	46·7	34·7	40·9	+ 4·1	13	30	1	0·10	− 0·45	4·9	− 5·6	9	− 10
2. ENGLAND, N.E. — Northern part.	†Alnwick Castle (Cockle Park)	56	30	49·8	37·7	44·0	+ 5·8	32	12	2	0·05	− 0·45	13·4	—	24	—
	†Shields (Newcastle)	53	32	46·9	37·3	42·3	+ 3·5	22	13	1	0·01	− 0·35	6·7	− 0·6	12	− 1
	Durham	52	31	46·5	37·3	42·1	+ 4·8	20	13	1	0·05	− 0·35	9·6	− 1·6	17	− 3
	Scarborough ℌ	55	34	46·0	38·5	42·4	+ 3·7	18	10	2	0·18	− 0·24	10·2	—	18	—
	York	53	32	45·9	36·9	41·6	+ 3·4	11	22	3	0·10	− 0·29	7·1	− 1·2	13	− 2
2. ENGLAND, N.E. — Southern part.	†Spurn Head (Skegness)	49	34	44·1	37·4	40·9	+ 2·3	6	19	2	0·16	− 0·12	15·2	—	26	—
	Lincoln	54	25	46·0	33·3	39·9	+ 2·5	11	35	5	0·14	− 0·21	*	*	*	*
	†Fulbeck (Rauceby)	53	24	45·0	34·0	39·7	+ 2·8	8	32	3	0·11	− 0·27	14·1	—	24	—
3. ENGLAND, E. — Northern part.	Hillington ℌ	51	26	48·5	33·9	38·9	+ 1·4	4	31	3	0·31	− 0·12	8·8	− 3·6	15	− 6
	†Yarmouth (Lowestoft)	53	33	44·6	35·0	40·0	+ 2·2	7	28	3	0·27	− 0·09	13·5	—	23	—
	Geldeston	54	29	44·5	34·3	39·6	+ 1·1	7	30	3	0·29	− 0·06	12·9	− 0·8	22	− 1
3. ENGLAND, E. — Southern part.	Cambridge	53	25	44·7	34·6	39·9	+ 1·8	8	30	3	0·32	− 0·01	9·5	− 3·6	16	− 6
	Felixstowe	52	30	45·2	34·1	39·9	+ 1·1	9	32	3	0·33	—	10·9	—	19	—
	Clacton-on-Sea	52	31	45·1	34·7	40·1	+ 1·4	9	29	2	0·26	—	10·2	—	17	—
	Rothamsted	54	26	46·0	32·4	39·5	+ 1·9	11	39	4	0·42	− 0·06	11·6	− 0·6	20	− 1
	†Shoeburyness (Southend)	52	29	45·6	35·7	40·9	+ 2·1	10	26	2	0·14	− 0·16	11·4	—	19	—
	London, Westminster	53	27	45·7	33·6	39·9	+ 0·1	10	34	3	0·42		4·7	− 0·6	8	− 1
4. MIDLAND COUNTIES. — Eastern part.	Harrogate	51	30	45·2	35·9	40·7	+ 3·4	9	25	3	0·29	− 0·21	10·3	—	18	—
	†Bawtry (Worksop)	54	30	48·0	38·7	43·5	+ 5·5	24	9	2	0·11	− 0·26	6·9	− 2·8	12	− 5
	Nottingham	55	25	46·4	33·3	40·1	+ 2·1	12	35	2	0·20	− 0·20	5·9	—	10	—
	†Colly Weston (Oundle)	58	28	45·7	33·6	39·9	+ 2·3	10	34	4	0·20	− 0·17	*	*	*	*
	Birmingham, Edgbaston	52	29	44·2	36·3	40·4	+ 2·2	6	23	1	0·25	− 0·19	6·2	—	11	—
	Oxford	56	28	47·3	33·6	40·7	+ 1·8	15	35	3	0·30	− 0·13	15·6	+ 3·4	26	+ 6
4. MIDLAND COUNTIES. — Western part.	Cheadle ℌ	53	29	43·2	35·3	39·4	+ 2·3	3	25	3	0·41	− 0·15	*	*	*	*
	Shrewsbury	55	25	47·6	37·2	42·6	+ 3·9	24	13	1	0·19	—	*	*	*	*
	Hereford ℌ	57	25	47·3	33·4	40·6	+ 1·7	15	36	1	0·12	− 0·40	*	*	*	*
	Cirencester	53	24	45·7	31·8	39·0	+ 1·1	10	40	2	0·28	− 0·29	15·2	+ 2·8	26	+ 5
	Bath	56	24	46·7	33·0	40·1	+ 0·2	13	37	3	0·28	− 0·28	13·1	—	22	—
5. ENGLAND, S.	†London, Brixton (Kew)	53	27	45·4	33·6	39·7	+ 0·4	10	33	3	0·43	+ 0·03	8·3	− 1·9	14	− 3
	Wisley, Surrey	52	25	46·7	32·6	39·9	+ 1·4	13	38	4	0·36	—	9·8	—	16	—
	Swarraton ℌ	51	24	44·7	30·8	38·0	+ 0·1	8	43	3	0·50	− 0·10	*	*	*	*
	Tunbridge Wells ℌ	51	26	44·1	31·9	38·2	+ 0·2	6	38	3	0·39	− 0·18	12·8	+ 0·8	21	+ 1
	†Dungeness (Littlestone)	47	24	44·1	33·1	38·8	− 0·8	6	34	4	0·23	− 0·17	15·9	—	27	—
	Hastings	50	29	44·4	36·3	40·5	+ 0·8	7	23	4	0·41	− 0·13	17·3	+ 2·2	29	+ 4
	Southampton	52	24	47·0	36·4	41·9	+ 1·7	14	25	4	0·42	− 0·18	16·5	+ 3·5	28	+ 6
	†Portland Bill (Bournemouth)	49	32	46·3	36·9	41·8	+ 1·1	12	22	4	0·33	—	21·0	—	35	—
6. SCOTLAND, W.	Laudale, Loch Sunart	52	28	47·8	37·8	43·0	+ 2·8	25	12	6	2·73	+ 0·91	*	*	*	*
	Glasgow	50	31	45·8	39·5	42·8	+ 4·1	16	7	4	0·77	− 0·01	4·4	− 2·0	8	− 4
	Cally ℌ	48	24	44·6	37·2	41·1	+ 2·5	7	20	4	0·45	− 0·59	*	*	*	*
	‡Aspatria	48	28	45·1	38·5	41·9	+ 4·3	9	15	3	0·35	− 0·28	4·6	—	8	—
	Douglas, Isle of Man	51	28	47·6	39·9	43·9	+ 3·2	22	6	3	0·34	− 0·53	12·7	+ 0·1	22	0
7. ENGLAND, N.W.	‡Aspatria	48	28	45·1	38·5	41·9	+ 4·3	9	15	3	0·35	− 0·28	4·6	—	8	—
	Newton Rigg	52	26	46·5	37·3	42·1	+ 5·2	20	13	3	0·28	− 0·49	4·5	− 5·7	8	− 10
	Stonyhurst	48	29	43·4	37·5	40·6	+ 2·5	4	18	4	0·52	− 0·37	7·1	− 2·4	12	− 4
	Blackpool ℌ	49	28	45·2	37·9	41·7	+ 3·2	9	18	3	0·18	− 0·48	11·2	+ 0·9	19	+ 2
	Manchester, Prestwich	50	29	44·0	37·7	41·0	+ 2·7	6	18	4	0·38	− 0·28	4·6	− 1·3	8	− 2
	†Liverpool Obs. (Hoylake)	52	33	46·6	38·0	42·5	+ 2·8	20	11	1	0·27	− 0·19	11·5	—	20	—
	Hawarden Bridge	55	30	47·8	37·6	42·9	+ 2·2	25	12	1	0·22	− 0·16	*	*	*	*
7. NORTH WALES	Llandudno ℌ	51	36	47·2	43·3	45·3	+ 3·8	23	0	2	0·32	− 0·25	10·9	− 1·4	19	− 2
	Holyhead	50	35	47·1	39·6	43·5	+ 1·7	21	7	3	0·48	− 0·19	*	*	*	*
	Bettws-y-Coed	52	28	46·9	38·4	42·8	+ 2·3	21	10	5	0·93	—	8·8	—	15	—
8. SOUTH WALES	Llangammarch Wells	50	21	45·8	31·3	38·8	+ 1·6	11	42	4	0·89	—	7·3	—	12	—
	Pembroke	50	34	47·4	39·7	43·7	+ 1·2	22	6	4	0·51	− 0·25	21·0	+ 7·5	36	+ 13
	Cardiff	54	24	46·5	32·9	40·0	− 0·4	13	37	3	0·48	− 0·37	*	*	*	*
8. ENGLAND, S.W.	Clifton	52	28	45·4	34·9	40·4	+ 0·4	10	29	2	0·40	− 0·25	*	*	*	*
	†Shaftesbury (Marlborough) ℌ	49	29	43·8	34·2	39·2	+ 1·3	5	30	3	0·54	− 0·07	11·0	+ 0·4	18	+ 1
	Arlington, N. Devon	51	27	46·4	33·3	40·1	− 0·1	12	35	4	1·29	+ 0·30	*	*	*	*
	Cullompton ℌ	53	21	47·3	32·0	40·0	− 0·3	15	41	2	0·48	− 0·26	16·0	+ 4·0	27	+ 7
	Plymouth	52	27	48·0	38·3	43·3	+ 1·0	25	10	4	0·35	− 0·43	19·5	+ 6·4	32	+ 11
	Falmouth	52	34	47·3	40·7	44·1	+ 0·6	20	4	3	0·36	− 0·68	14·9	+ 0·2	24	0
9. IRELAND, N. — Western part.	Malin Head	50	35	47·9	40·7	44·4	+ 2·9	22	4	7	0·39	− 0·18	*	*	*	*
	Edenfel	50	28	46·4	36·1	41·5	+ 3·2	12	25	4	0·50	− 0·26	*	*	*	*
	Blacksod Point	51	38	49·3	43·6	46·6	+ 3·6	32	0	6	0·62	− 0·43	*	*	*	*
	Markree Castle	54	26	47·8	39·2	43·7	+ 3·8	24	8	6	0·48	− 0·35	7·5	− 3·5	13	− 6
9. IRELAND, N. — Eastern part.	Armagh	52	29	45·7	37·8	41·9	+ 2·4	10	18	3	0·14	− 0·46	5·4	− 6·2	10	− 11
	Donaghadee	53	32	47·6	38·3	43·1	+ 2·5	23	10	3	0·09	− 0·52	*	*	*	*
10. IRELAND, S. — Eastern part.	Dublin, City (Phœnix Park)	54	29	49·2	40·6	45·1	+ 3·3	28	4	2	0·19	− 0·31	17·6	+ 3·2	30	+ 6
	Kilkenny	55	26	47·3	35·6	41·7	+ 0·6	15	28	1	0·13	− 0·61	*	*	*	*
	Waterford	53	26	49·4	36·1	43·0	+ 1·6	32	17	1	0·09	− 0·81	*	*	*	*
10. IRELAND, S. — Western part.	Birr Castle	53	26	47·0	36·1	41·7	+ 1·5	14	25	5	0·17	− 0·45	2·2	− 10·1	4	− 17
	Foynes	52	25	47·6	38·3	43·1	+ 1·3	23	10	6	0·23	− 0·57	*	*	*	*
	Killarney	55	29	50·5	38·9	44·9	+ 1·5	33	9	3	0·12	− 1·24	*	*	*	*
	Valencia	52	31	50·3	40·4	45·6	+ 0·9	32	4	5	0·39	− 0·94	11·6	− 1·4	20	− 2
	Roches Point (Ballinacurra)	52	33	49·4	39·7	44·7	+ 1·1	29	6	6	0·18	− 0·92	12·3	—	21	—
11. CHANNEL ISLANDS	Scilly, St. Mary's	51	34	48·7	40·0	44·5	− 1·2	26	6	4	0·14	− 0·61	19·4	+ 4·4	32	+ 7
	Jersey, St. Aubins (St. Heliers)	51	27	47·3	36·7	42·2	− 0·5	24	15	5	0·60	− 0·07	20·4	+ 3·4	33	+ 6
	Guernsey	50	30	46·5	38·6	42·7	− 0·7	19	10	3	0·52	− 0·25	14·9	+ 0·9	24	+ 1

Information for Stations marked ℌ is supplied by the Royal Meteorological Society, and that for Stations marked 𝔖 is supplied by the Scottish Meteorological Society.

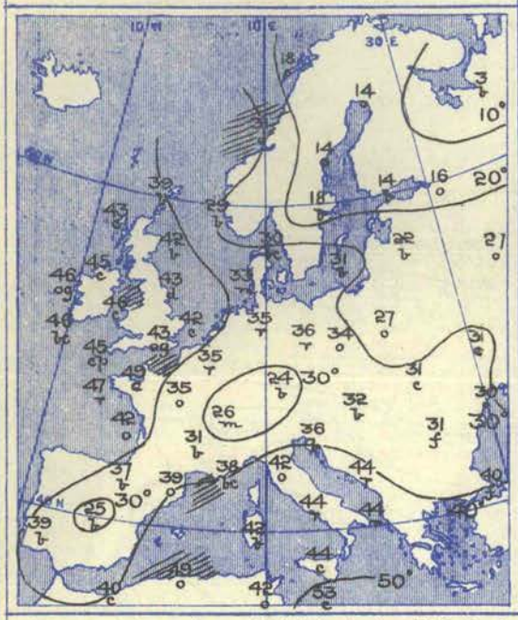
* An Asterisk is inserted in all places for which the information is not usually given.

† There is no Sunshine Recorder in use at this Station. The figures entered for Sunshine are those recorded at a neighbouring Station of which the name is given in brackets.

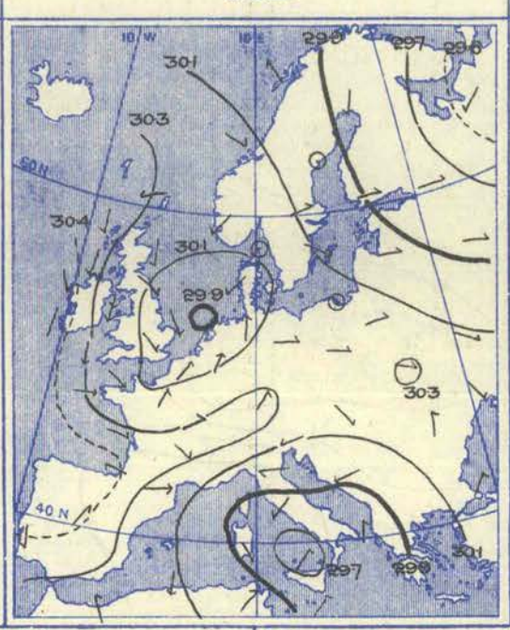
‡ This station is included in two districts to facilitate the compilation of values for the Agricultural divisions of the country adopted by the Board of Agriculture, as well as the Forecast districts of the Meteorological Office.

Sunday, 21st January, 1906.

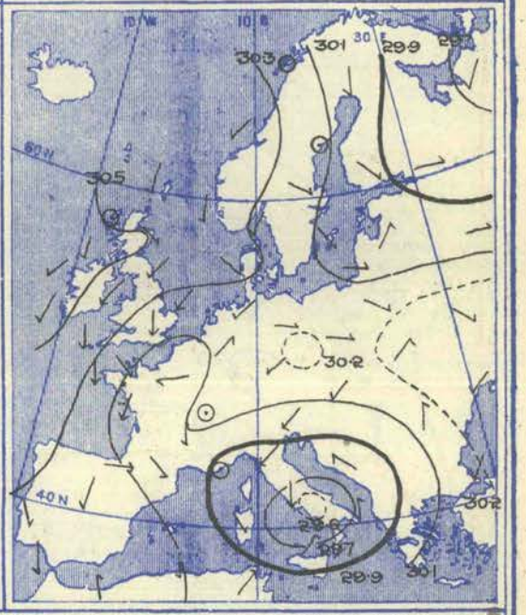
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine and bright in the Spanish Peninsula and in a few parts of central Euope; cloudy or dull and very unsettled as a whole, with rain over the Adriatic and Italy and showers or steady rain over this country and the nearer regions of the Continent. Snow falling at Aix-la-Chapelle and Le Mans, and sleet at Cuxhaven. Sky clearing later in many parts of these Islands and the western portion of the Continent, but rain continuing further east and south—largest amount, 1·8 ins. at Lesina.

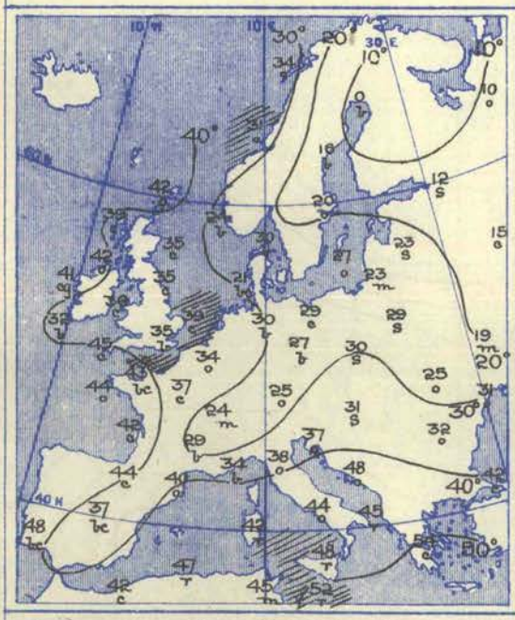
TEMPERATURE in morning, 53° at Malta, but below 50° in all other places. Below 32° in many Continental regions, and as low as 14° in the north of Sweden and 3° at Archangel. Thermometer no higher than 25° at Madrid. Maxima during day nearly 60° at some extreme southern stations, but less than 50° generally, and below 32° in some central and northern regions. Highest reading at Gap only 34°.

WIND in morning showing two cyclonic circulations—one around the North Sea, and the other around Sicily and its vicinity. Northerly current blowing a fresh gale at Holyhead and with considerable force in nearly all parts of this country and France. A moderate gale from the Westward reported at Perpignan, and a fresh or strong breeze from the Eastward over the Adriatic and northern Italy. Veering towards North-East over England and Ireland later in day and decreasing in force; increasing in strength from the Northward over the Bay of Biscay and the west of France and from various directions in the Mediterranean region.

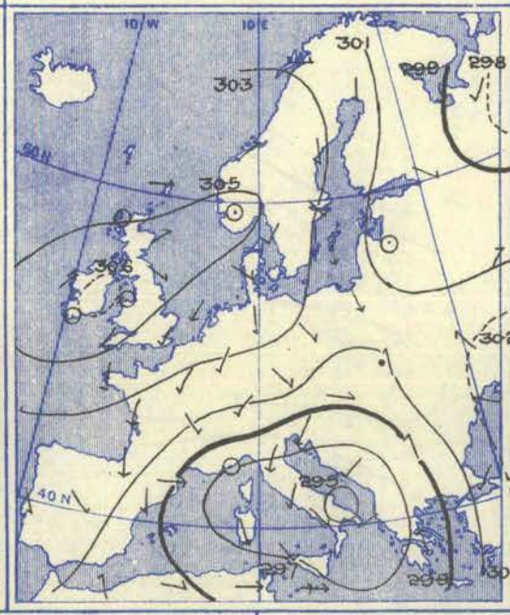
BAROMETER at 8 a.m. above 30·4 ins. in the west of Ireland, the Bay of Biscay, and the north of Spain and Portugal, and above 30·2 ins. in an irregularly shaped band extending across central Europe to Poland and Turkey. Below 29·9 ins. in a depression having its centre about fifty miles to the northward of the Helder, and less than 29·7 ins. in another disturbance centred to the northward of Palermo. Latter system moving northwards to Italy by evening, and the former southwards to the north-east of France.

Monday, 22nd January, 1906.

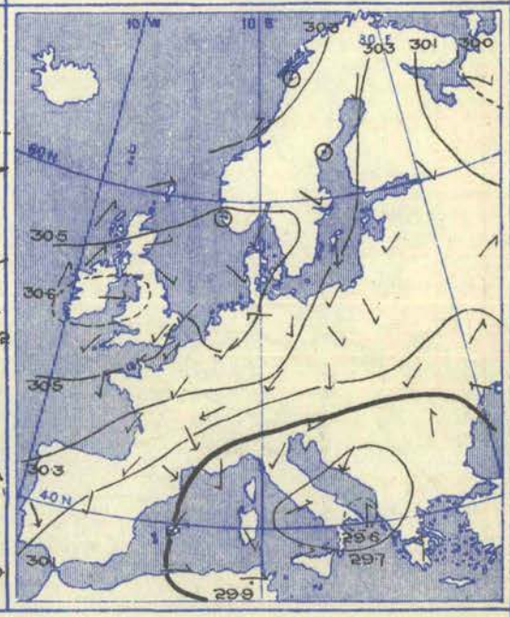
Temperature and Weather 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine and bright in nearly all parts of our Islands, North Germany, Denmark, and Scandinavia, and also over the Spanish Peninsula; dull in most other regions, with snow at St. Petersburg and Riga, in Poland, and some parts of Austria-Hungary, and rain in Italy, the Mediterranean Islands, and at Algiers. Heavy snow falling later at Neufahrwasser, and very heavy rain in several southern localities; 0·9 in. at Algiers, 1·1 in. at Lesina, and 3·9 ins. at Brindisi.

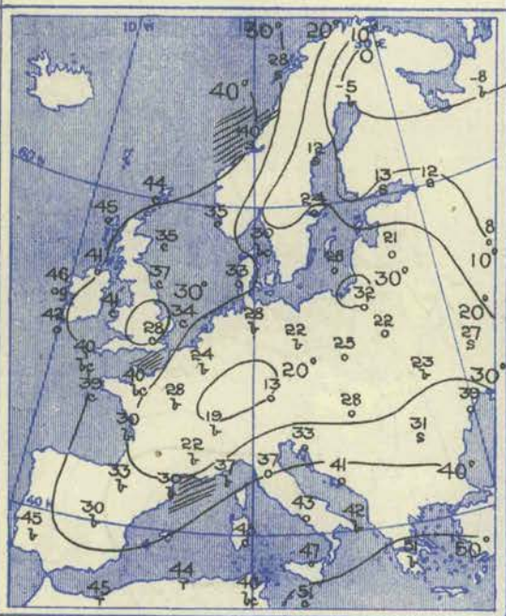
TEMPERATURE fallen generally; readings in morning, 50° or a little above in Greece and Malta, but decreasing to below 32° in most Continental regions and in central Ireland, and to below 20° in the extreme east and north-east of our area. Lowest readings, 12° at St. Petersburg, 10° at Archangel, and zero at Haparanda. Only rising to about 40° at many of our own stations during day, and remaining below that figure over the greater part of the Continent; highest maximum, 59° at Athens. Severe frost continuing over Sweden, Russia, and the Baltic.

WIND in morning anticyclonic over the United Kingdom and all the other north-western countries, and cyclonic over the Mediterranean and also over the north of Russia; of no great force anywhere, but a fresh or strong breeze prevailing on our south-east coasts and in the north of Italy, and a fresh gale at Malta. Some increase in force taking place later over the Adriatic and its vicinity, but little change as a whole.

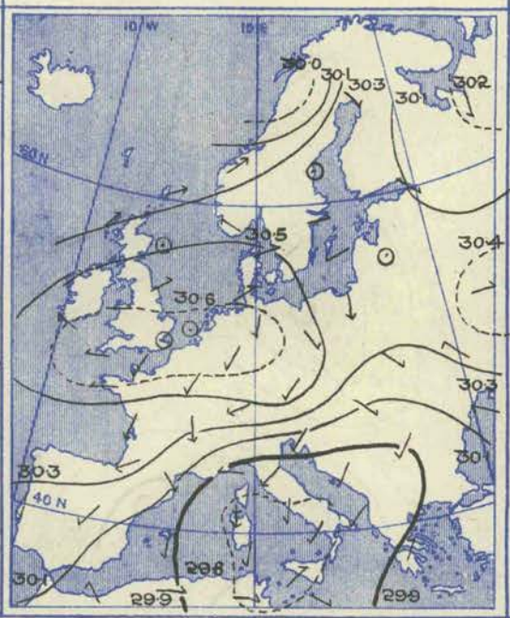
BAROMETER at 8 a.m. ranging from 30·4 ins. to 30·6 ins. in an extensive anticyclone embracing our Islands and most of Denmark and Norway, to 29·8 ins. in the north of Russia, and to less than 29·6 ins. in a large depression centred over the southern part of Italy. Anticyclone commencing to move southwards later and barometer rising decidedly over the central regions of Europe, and gradients increasing somewhat over the north of Italy. Italian disturbance maintaining its position, and a new system showing itself off the west of Norway.

Tuesday, 23rd January, 1906.

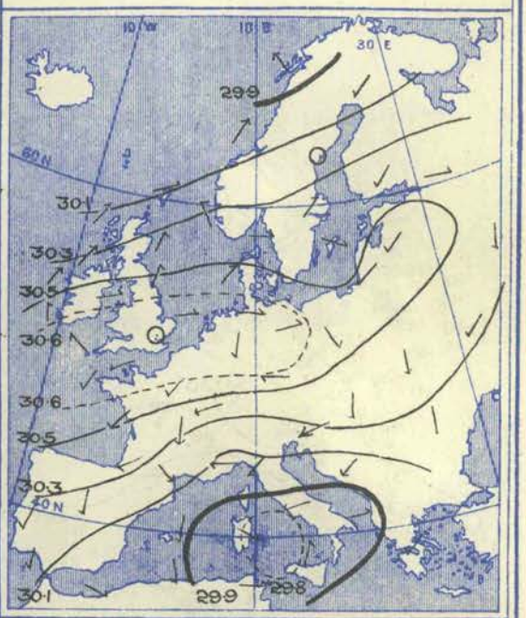
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. dry over our Islands generally, but rainy in the Shetlands and foggy over many parts of England. Cloudy or dull in most Continental regions, with snow at Hermanstadt and in several localities of northern Europe. Fine and bright over the Spanish Peninsula, France, the Low Countries, and the adjacent portion of Germany. Very heavy rain falling later in Algeria and Greece—1·5 in. at Algiers and 3·4 ins. at Patras.

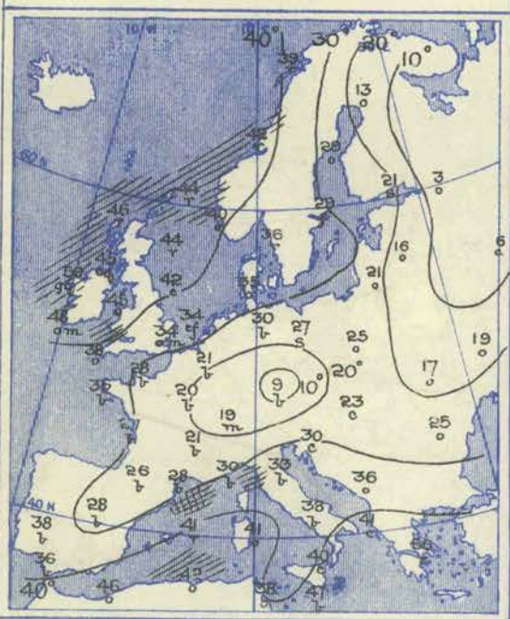
TEMPERATURE fallen generally, risen in Scotland and the west of Norway. Readings in morning, 51° at Malta and Athens, but below 50° in all other places, and below 30° over nearly the whole of the Continent and in central England. Lowest values, 13° at Munich, 8° at Moscow, −5° at Haparanda, and −8° at Archangel. Frost continuing all day over the greater part of central Europe, France, and the northern countries, and thermometer only rising to 32° in London. Maxima between 50° and 60° in the far south; highest figure, 61° at Athens.

WIND in morning showing a cyclonic circulation, strong to a gale in force, over Italy and the neighbouring region, and an extensive anticyclonic movement of light breezes over the United Kingdom and its vicinity. A strong breeze from South-West prevailing at Christiansund, and from East at Bodö. Increasing South-Westerly winds becoming general over the major portion of our Islands by evening, but little change over our area as a whole.

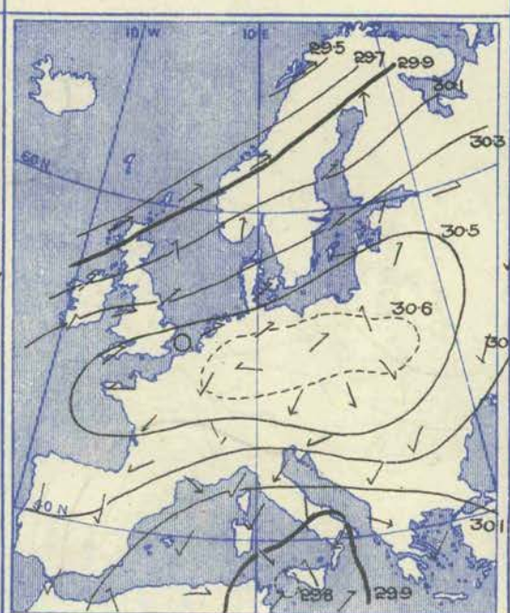
BAROMETER at 8 a.m. above 30·5 ins. to 30·6 ins. and above in an anticyclone covering most of this country and the nearer parts of the Continent, and above 30·4 ins. in central Russia. Below 30·0 ins. in a disturbance over the extreme north-west of Norway, and below 29·8 ins. in a rather large depression having its centre over the Mediterranean. High pressure system moving slowly southwards later, and barometer falling slowly over our northern and north-western districts and also in Norway. Southern cyclonic system maintaining its position.

Wednesday, 24th January, 1906.

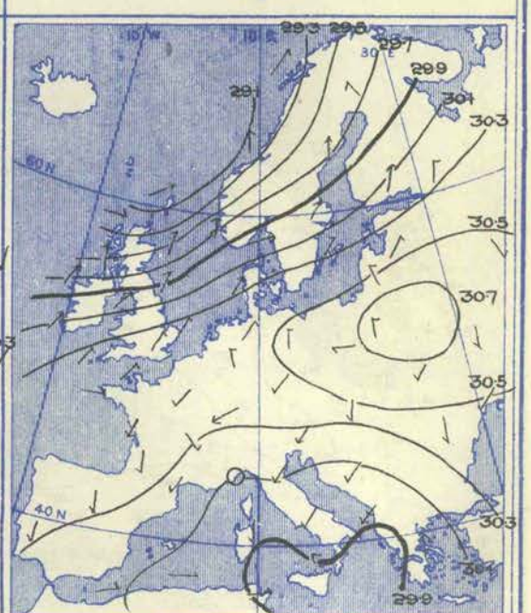
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine and bright over the Spanish Peninsula, most of France, the north of Italy, and Tunisia, and fair in many other regions, but very cloudy or quite overcast as a whole, with fog or mist at some of our own stations, rain in the Shetlands and Hebrides, along the north-west coast of Norway, in Greece, and at Palma, and snow at Berlin and Helsingfors. Rain falling later in nearly all parts of our Islands and in Algeria—largest amounts, 1·0 in. at Stornoway, 0·4 in. at Pembroke, and 0·5 in. at Nemours.

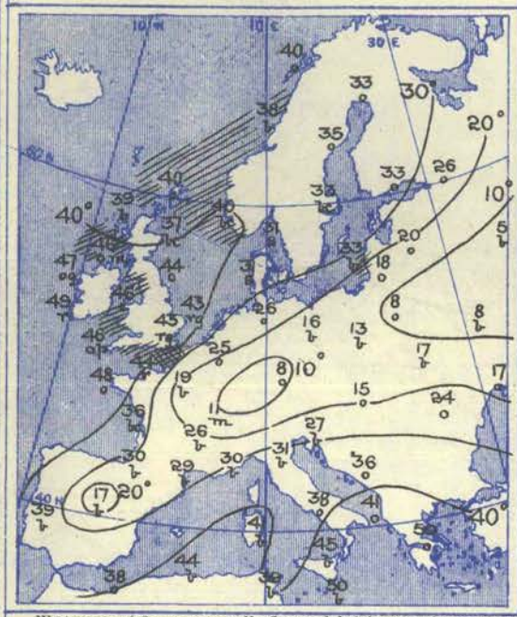
TEMPERATURE risen over Scandinavia, Denmark, Holland, and the United Kingdom, fallen elsewhere. Morning readings ranging from 50° at Blacksod Point and in Greece, to 28° at Madrid, and to below 20° in many of the central and most of the eastern and north-eastern parts of the Continent. Lowest figures, 9° at Munich, 6° at Moscow, and 3° at St. Petersburg. Severe frost continuing all day in most Continental regions, but thermometer rising to 50° in many British localities, and to above it at a few stations on the shores of the Mediterranean. Highest maximum, 59° at Athens.

WIND in morning light and anticyclonic in a vast area extending from the Bay of Biscay to Russia. Moderate to fresh or strong from the South-Westward over our Islands, the North Sea, and Scandinavia, and circulating cyclonically over the Mediterranean and Italy. North-Easterly current strong over the north of the latter country. Increasing considerably over all the north-western countries by evening, and blowing a South-Westerly gale in many places. Little change elsewhere.

BAROMETER in morning above 30·6 ins. in an elongated area occupying the central regions of Europe, below 29·8 ins. in a depression centred to the northward of Tunis, and below 29·6 ins. in another system off the north-west of Norway. A fresh disturbance arriving off the north of Scotland during the day, and pressure decreasing very quickly on our northern coasts and in the west of Norway. Gradients growing very steep over the northern half of these Islands, and also over the North Sea and Scandinavia.

Thursday, 25th January, 1906.

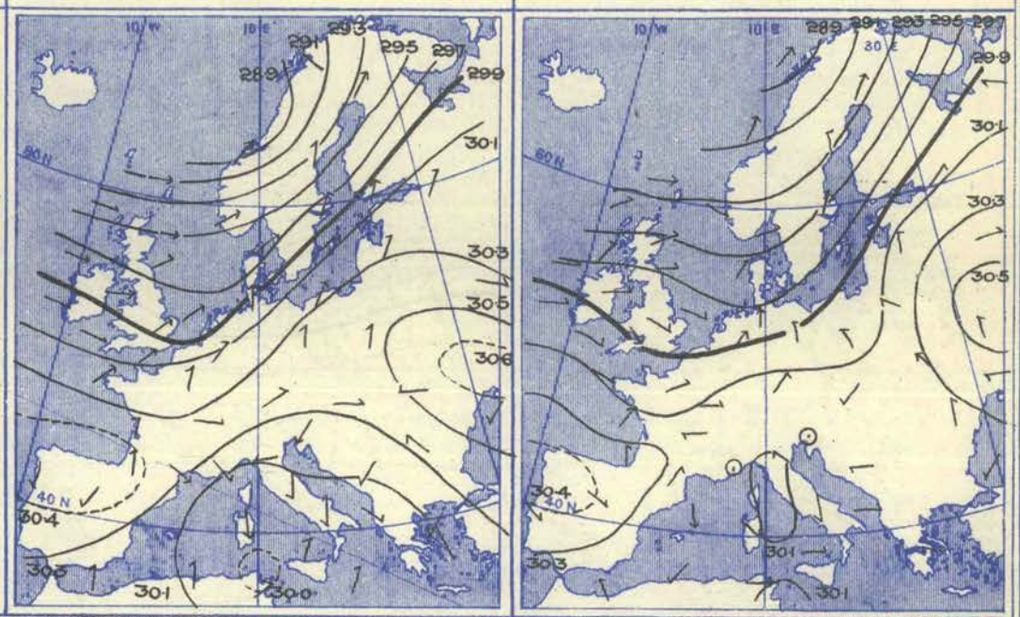
Temperature and Weather. 8 a.m.



WEATHER at 8 a.m. generally fine and bright over the southern half of our area, mostly cloudy or overcast further north, with rain in the south of England and Ireland, hail or snow showers in parts of Scotland, and snow in Holland and Denmark. Considerable or heavy rain falling later in France and many other Continental regions and over the Mediterranean—largest measurements, 0·9 in. at Cagliari and 1·5 in. at Cherbourg.

TEMPERATURE risen over England and the north of France, and also in Sweden and Finland; fallen in most other places. Readings in morning, 50° at Malta and in Greece, and only a degree or two lower in the south-west of these Islands. Below 20° in the central and eastern parts of the Continent, as well as over the inland parts of France and Spain. Lowest values, 17° at Madrid, 10° at Limoges, 8° at Munich and Kieff, and 5° at Moscow and Kharkoff. Only 30° at Nice, Cape Sicié, and Pesaro, and 32° at Rome. Rising to about 50° later in many parts of this country and the north-west of France, to some degrees higher in certain Mediterranean regions, and to 64° at Athens. Frost continuing over the central countries and Russia.

Barometer and Wind. 8 a.m. and 6 p.m.

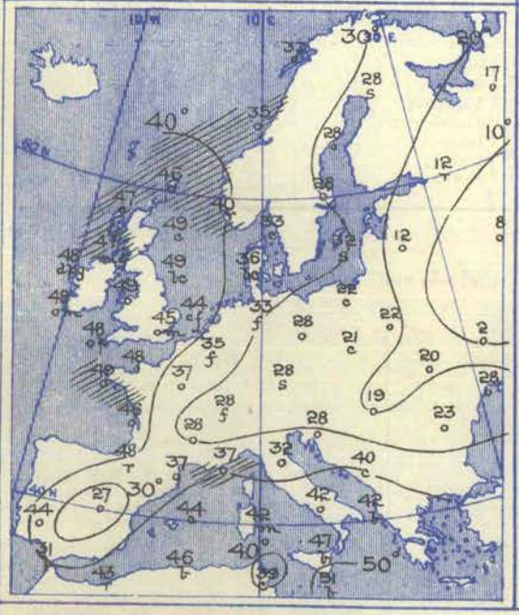


WIND at 8 a.m. moderate or fresh from the Westward at most of our own stations, but blowing a gale at Portland Bill; drawing into the Southward and blowing a gale over Denmark and Scandinavia. A light or moderate cyclonic circulation prevailing over the Mediterranean region, and light anticyclonic airs in the south-west and south-east of our area. Scarcely any change in direction during day, but force decreasing over all the more north-western countries.

BAROMETER in morning above 30·6 ins. in the south of Russia and above 30·4 ins. in the north of Spain. Below 30·1 ins. over Italy and the Mediterranean region generally, and less than 28·9 ins. in a large disturbance centred off the north-west of Norway. A considerable decrease of pressure taking place later over the central countries and the Baltic, and a gentle increase over our Islands and the south and west of Norway. Northern depression moving north-eastwards and the anticyclones maintaining their position.

Friday, 26th January, 1906.

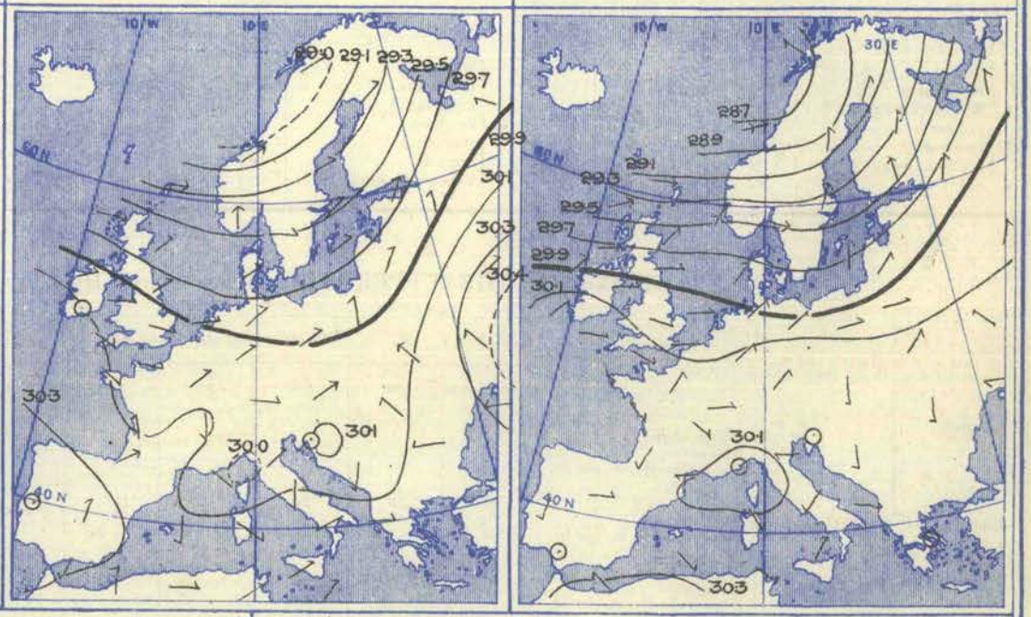
Temperature and Weather. 8 a.m.



WEATHER at 8 a.m. fine and bright in a few places, but cloudy or quite overcast as a whole; rain falling at Biarritz, Nemours, and Leghorn, and snow at Wisby, Haparanda, and Munich. Much fog prevailing over Denmark and North Germany. More or less rain falling in most places later; amounts not large generally, but 0·6 in. at Sanguinaires and Bilbao, and 0·8 in. at Brindisi.

TEMPERATURE risen in most regions, very quickly over France and Germany. Readings at 8 a.m. ranging from 51° at Malta and 50° at some of our own stations, to below 32° over central Spain and the central and northern regions of the Continent, and to below 10° in Little Russia. Lowest value, −2° at Kharkoff. Maxima during day, 57° in Greece, 55° in Algeria, and 56° at Aberdeen, Bath, and Nottingham. Above 50° in most parts of our Islands, but much lower in nearly all Continental regions. Frost continuing all day in Austria-Hungary. Sharp frost in inland Algeria at night; minimum at Aumale, 19°.

Barometer and Wind. 8 a.m. and 6 p.m.

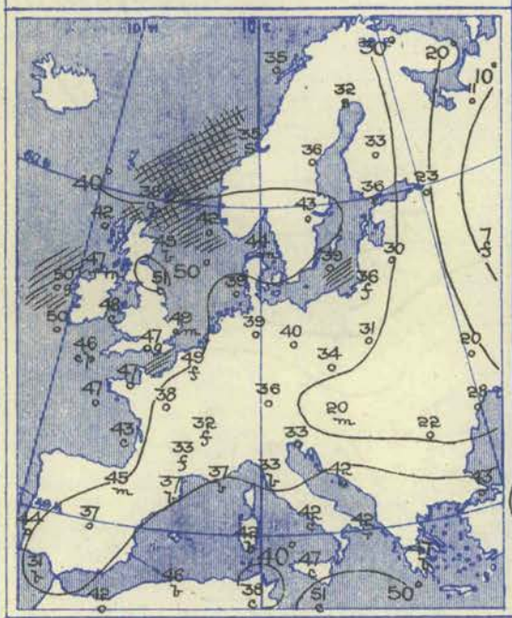


WIND in morning mainly Westerly over our Islands and their vicinity, and South-Westerly or Westerly over Scandinavia and the north of Russia. Light or moderate in force generally, but fresh or strong at a few stations. Light and rather variable airs prevailing over the south of Europe. Increasing to a gale later over Scandinavia and our own northern coasts, and becoming fresh or strong over the Baltic.

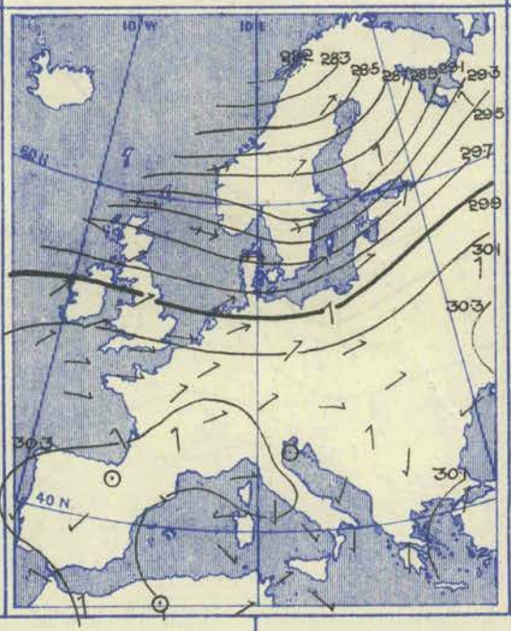
BAROMETER in morning ranging from 30·5 ins. in the south of Russia and above 30·3 ins. over most of Spain and Portugal, to less than 30·0 ins. in a small depression near Nice, and to below 29·0 ins. in a very large system having its centre off the north-west of Norway. A fresh fall of the barometer taking place during day on our north-west coasts. Norwegian disturbance travelling eastwards, and pressure falling to 28·63 ins. at Bodö and 28·76 ins. at Christiansund.

Saturday, 27th January, 1906.

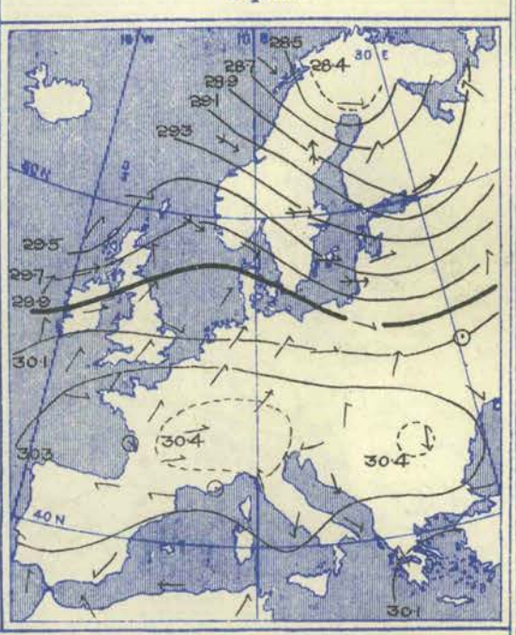
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine in Algeria and at a few isolated places in different parts of our area. Cloudy or overcast generally, with snow in various parts of Scandinavia and Finland, and rain at Prague, in the north of Ireland, and at some stations in the south-east of Europe. Considerable or rather heavy rain later in the Shetlands, the Hebrides, and Norway, and some snow in Finland and Russia. Slight rain in many parts of Great Britain and Ireland.

TEMPERATURE risen generally, but fallen in Scotland. Morning readings, 51° at Aberdeen and Malta, and 50° in the west of Ireland and at Biarritz. As low as −5° at Kharkov, 7° at Moscow, and 11° at Archangel; below 32° over the eastern half of the Continent generally, and below 30° at Aumale. Maxima during day above 50° in almost all parts of our Islands, on the coasts of France, and in the southern part of Italy, 57° at some stations in Algeria and Greece, and 61° at Oporto and San Fernando.

WIND in morning Westerly over all the north-western countries, and blowing a gale in the Shetlands and Scandinavia. Drawing into the Southward and blowing strongly over Finland and northern Russia. Light variable airs prevailing over central and southern Europe. No great change as a whole later, but backing somewhat on our own west and north-west coasts.

BAROMETER in morning ranging from 30·3 ins. and upwards in an irregularly shaped area over the south-west of Europe, and also in the south of Russia to 28·18 ins. at Bodö. Gradient very steep over the northern half of the Continent. Pressure increasing later over all the central and southern parts of our area and forming a vast anticyclone extending from Portugal to the Black Sea. Barometer falling again on our own west and north-west coasts, but depression in far north of Europe travelling away eastwards or north-eastwards. Gradients continuing very steep over all the more northern countries.

IV.—BRIGHT SUNSHINE Values for the Week, in addition to those on page 20.

	STATIONS.	No. of Hours recorded.	Difference from the Mean for the Week.	Percentage of Possible Duration	Difference from the Mean for the Week.
1.	Crathes	19·8	—	37	—
	Balruddery	15·6	—	28	—
2.	Saltburn-by-the-Sea	5·3	—	9	—
3.	Cromer	10·5	—	18	—
	Dunmow	7·9	—	13	—
	London, Bunhill Row	1·8	− 2·4	3	− 4
4.	Sheffield	9·2	—	16	—
5.	Margate	16·7	+ 4·3	28	+ 7
	Ramsgate	19·5	—	33	—
	Eastbourne	15·2	+ 1·2	25	+ 2
	Brighton	18·0	+ 4·2	30	+ 7
	Worthing	17·3	—	29	—
	Bognor	18·9	—	32	—
	Ventnor Hospital	22·4	+ 7·8	37	+ 13
7.	Southport	8·1	—	14	—
	Rhyl	12·5	—	22	—
	Aberdovey	11·8	—	20	—
8.	Aberystwyth	12·2	—	21	—
	Tenby	23·8	+ 9·2	40	+ 16
	Torquay	17·8	+ 3·1	29	+ 5
	Newquay	19·4	+ 5·9	32	+ 10

V.—OBSERVATIONS IN THE UPPER AIR.—Temperature, Humidity and Wind Velocity.

Date of Observation.	Station and its Height above M.S.L.		Heights in feet above Mean Sea Level. Ground Level.	1,660	3,320.	5,000.	6,660.	8,320.	10,000.	Remarks.
1906.		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								
January 22nd 3.30 p.m.	Oxshott, 200 ft.	Temperature F.	38°	30°	24°	15°	[22°]			Two kites. Wire 9,240 ft. Max. height, 6,200 ft. Cloud level 3,000 ft. Inversion at 5,500 ft., 13° to 21°. Humidity 100 to 20. Wind velocity was 40 miles just under inversion surface.
		Humidity	70	80	95	100	[20]			
		Wind Velocity, m. per hr.	NNE, 8	—, 20	NE, 35	NNE, 40	[—, 30]			
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								
January 27th. 10.30 a.m.	Oxshott, 200 ft.	Temperature F.	47°	*37°	48°	44°	[41°]			Two kites. Wire 7,850 ft. Max. height 6,300 ft. Cloud level 1,400 ft. Inversion at 2,500 ft., 37° to 49°. Humidity 100 to 20. Velocity pen failed. Wind moderate at 2,000 ft.; weak at 4,000 ft.; strong at 6,000 ft.
		Humidity	90	100	80	30	30			
		Wind velocity, m. per hr.	WSW, 16	W, —	WNW, —	?	?			
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								

* *The decrease in temperature on the 27th at 1,660 ft. is beyond the adiabatic rate, but the trace is distinct, and no error can be discovered.*

63, Victoria Street, London, S.W.
January 31st, 1906.

W. N. SHAW,
Director.

ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE,

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TWENTY-NINTH YEAR. Vol. XXIII. (New Series.) No. 5. FIFTH WEEK, ENDING SATURDAY, FEBRUARY 3RD, 1906. Price 6d. Annual Subscription post paid £1 10s. 0d.

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I.—GENERAL REMARKS.

Weather. The general character of the weather was unsettled, but fair or bright intervals were frequently experienced over Great Britain, and the rain was not heavy except in the most northern and north-western districts. By the end of the week squalls of hail, sleet, or snow were experienced in almost all places.

Rainfall exceeded the average in Scotland, England N.W., and Ireland N., but was deficient elsewhere. In England N.E., the Midland Counties, and England S. the fall was very slight.

Temperature exceeded the mean in all districts, the excess varying from about 1½° in Scotland N. to nearly 5° in England N.E. and the Midland Counties. The highest of the maxima were registered early in the week, and ranged from 57° in the Midland Counties to 51° in Ireland N. and the Channel Islands, while the lowest of the minima, which occurred either at the middle or end of the period, ranged from 28° in Scotland E., to 36° in Ireland S., and to 39° in the Channel Islands.

Bright Sunshine exceeded the average duration generally, but was in defect in the Midland Counties and the more south-western parts of the Kingdom, and only equal to it in Ireland N. The percentage of the possible duration ranged from 35 in Scotland E. and 33 in England N.E., to 19 in England S.W., and to 14 in Ireland S.

Barometer and Wind. Until nearly the end of the week the type of pressure distribution was mainly Westerly, large disturbances travelling in a general Easterly direction off our northern coasts, and some of their secondaries moving directly across these Islands. The Westerly current of wind was often fresh or strong in force, and sometimes increased to the strength of a gale in the northern and north-western parts of the Kingdom. By Friday evening a large and deep disturbance began to travel south-eastwards over Scandinavia, and the barometer at the same time rising on our western and northern coasts, the wind veered to the North-Westward and increased considerably in force, while by the end of the period it had become Northerly over the whole Kingdom, and blew with the force of a moderate to fresh gale on many exposed parts of our coasts.

NOTE.—On the evening of January 27th, a brilliant meteor was seen by various observers in Yorkshire, Lancashire, and Northamptonshire.

SUMMARY OF TEMPERATURE, RAINFALL, AND DURATION OF BRIGHT SUNSHINE IN THE UNITED KINGDOM, FOR AGRICULTURAL AND SANITARY PURPOSES.

THE WEEK (5th)—January 28th to February 3rd, 1906.

DISTRICTS. (See p. 26.)	Temperature. Highest.	Lowest.	Means of: Daily Max.	Daily Min.	Daily Mean.	Difference from Av. (35 Yrs.)	Accumulated. Number of Day-Degrees. Above 42°	Difference from Av. (25 Yrs.)	Below 42°	Difference from Av. (25 Yrs.)	Rainfall. Number of Rain-Days.	Diff. from Av. (35 Yrs.)	Total Fall.	Difference from Average (35 Yrs.)	Sunshine. Hours recorded.	Diff. from Av. (25 Yrs.)	Percentage of Possible Duration.	Diff. from Av. (25 Yrs.)
	°	°	°	°	°	°	Day-deg.	Day-deg.	Day-deg	Day-deg.			Inches.	Inches.			%	%
0. SCOTLAND, NORTH ..	52	29	43·1	35·0	39·2	+ 1·4	3	− 4	26	− 11	7	+ 2	1·32	+0·29	12	+ 2	21	+ 3
Eastern 1. SCOTLAND, EAST ..	53	28	44·6	35·7	40·4	+ 3·0	7	− 2	26	− 15	5	+ 1	0·73	+0·15	20	+ 6	35	+10
Eastern 2. ENGLAND, N.E. ..	55	30	46·8	39·2	43·2	+ 4·8	20	+11	8	− 27	3	0	0·15	−0·25	20	+ 8	33	+13
Eastern 3. ENGLAND, EAST ..	54	31	47·2	38·0	42·8	+ 4·1	22	+12	11	− 28	4	0	0·29	−0·09	18	+ 1	28	+ 2
Eastern 4. MIDLAND COUNTIES	57	32	47·3	39·2	43·4	+ 4·8	22	+11	8	− 31	3	− 1	0·15	−0·32	14	− 1	23	− 2
Eastern 5. ENGLAND, SOUTH ..	52	30	47·4	38·8	43·3	+ 3·7	23	+10	9	− 21	4	0	0·16	−0·35	17	+ 3	27	+ 4
Western 6. SCOTLAND, WEST ..	52	34	45·5	39·0	42·4	+ 3·1	15	+ 5	8	− 21	5	0	1·20	+0·20	19	+ 9	32	+15
Western 7. ENGLAND, N.W. ..	52	33	46·3	40·9	43·7	+ 4·1	17	+ 7	3	− 26	4	0	0·68	+0·07	14	+ 3	24	+ 6
Western 8. ENGLAND, S.W. ..	53	30	47·5	40·2	44·0	+ 3·2	22	+ 6	5	− 17	5	+ 1	0·38	−0·41	12	− 3	19	− 5
Western 9. IRELAND, NORTH ..	51	35	47·1	40·9	44·1	+ 3·5	19	+ 5	3	− 22	7	+ 2	1·21	+0·50	13	0	21	0
Western 10. IRELAND, SOUTH ..	55	36	49·0	43·1	46·2	+ 3·7	29	+ 8	0	− 19	5	+ 1	0·28	−0·61	9	− 7	14	−11
11. CHANNEL ISLANDS..	51	39	49·0	42·7	46·0	+ 2·1	28	+ 4	0	− 9	6	+ 1	0·31	−0·40	11	− 6	18	−10

THE SEASON (**Winter**).—Aggregates, &c., for the Period of 9 Weeks, December 3rd, 1905, to February 3rd, 1906.

0. SCOTLAND NORTH ..	55	20	*	*	*	*	82	+13	194	− 97	50	+ 5	12·15	+1·63	53	− 4	13	− 1
Eastern 1. SCOTLAND, EAST ..	56	17	*	*	*	*	106	+32	197	−151	36	+ 2	4·88	−0·72	91	+ 3	20	+ 1
Eastern 2. ENGLAND, N.E. ..	56	24	*	*	*	*	100	+17	175	−123	27	− 5	2·96	−1·16	100	+ 5	21	+ 1
Eastern 3. ENGLAND, EAST ..	57	25	*	*	*	*	88	− 1	217	−117	31	− 4	4·43	+0·47	110	+11	22	+ 2
Eastern 4. MIDLAND COUNTIES	57	24	*	*	*	*	103	+ 3	215	−128	32	− 1	4·61	−0·05	95	+ 6	19	+ 1
Eastern 5. ENGLAND, SOUTH ..	57	23	*	*	*	*	153	+28	139	−113	36	+ 2	5·72	+0·49	115	+14	23	+ 3
Western 6. SCOTLAND, WEST ..	54	24	*	*	*	*	125	+22	113	−120	44	+ 3	10·39	−0·21	79	+ 6	17	+ 1
Western 7. ENGLAND, N.W. ..	57	26	*	*	*	*	133	+30	113	−126	36	− 1	6·35	−0·06	88	+12	18	+ 3
Western 8. ENGLAND, S.W. ..	55	21	*	*	*	*	185	+17	115	− 63	37	− 1	8·89	+0·91	108	+ 5	21	+ 1
Western 9. IRELAND, NORTH ..	54	26	*	*	*	*	166	+37	83	−130	53	+ 8	8·46	+1·19	90	+ 3	19	+ 1
Western 10. IRELAND, SOUTH ..	56	25	*	*	*	*	257	+60	57	−102	45	+ 4	7·91	−0·95	88	−22	18	− 5
11. CHANNEL ISLANDS..	55	27	*	*	*	*	281	+18	13	− 49	43	+ 2	6·16	−1·21	132	+ 8	25	+ 2

THE YEAR.—Aggregates, &c., for the period of 5 Weeks, December 31st, 1905, to February 3rd, 1906.

0. SCOTLAND, NORTH ..	52	23	*	*	*	*	18	−18	139	− 35	30	+ 6	8·06	+2·39	33	− 2	13	− 1
Eastern 1. SCOTLAND, EAST ..	56	17	*	*	*	*	36	− 5	133	− 70	21	+ 2	3·29	+0·41	55	− 2	21	− 1
Eastern 2. ENGLAND, N.E. ..	56	24	*	*	*	*	45	+ 3	106	− 69	20	+ 3	2·53	+0·53	60	0	22	0
Eastern 3. ENGLAND, EAST ..	54	25	*	*	*	*	60	+16	112	− 86	22	+ 3	3·58	+1·59	76	+16	27	+ 6
Eastern 4. MIDLAND COUNTIES	57	24	*	*	*	*	60	+ 7	120	− 82	22	+ 3	3·94	+1·52	60	+11	21	+ 4
Eastern 5. ENGLAND, SOUTH ..	55	24	*	*	*	*	102	+43	74	− 79	26	+ 7	4·98	+2·26	83	+21	29	+ 7
Western 6. SCOTLAND, WEST ..	52	24	*	*	*	*	51	0	82	− 61	26	+ 4	6·98	+1·69	45	+ 4	17	+ 1
Western 7. ENGLAND, N.W. ..	57	26	*	*	*	*	65	+17	71	− 74	25	+ 5	5·36	+2·16	42†	− 5	15	− 2
Western 8. ENGLAND, S.W. ..	54	21	*	*	*	*	110	+27	63	− 54	27	+ 6	7·31	+3·19	65	+ 9	22	+ 3
Western 9. IRELAND, NORTH ..	54	26	*	*	*	*	74	+ 7	72	− 55	33	+ 9	5·59	+1·81	52	− 1	19	0
Western 10. IRELAND, SOUTH ..	56	25	*	*	*	*	127	+25	50	− 43	29	+ 7	5·64	+0·94	57	−10	20	− 4
11. CHANNEL ISLANDS..	55	27	*	*	*	*	160	+32	10	− 33	30	+ 8	4·79	+1·02	82	+ 9	27	+ 3

† This value has been altered owing to the receipt of further information.

Bright Sunshine.—For certain of the Districts the values of Bright Sunshine in this Table are based on the records from a part only of the Stations included in the Tables under II. and IV. For certain of the Stations Mean Values are not available, and for the Districts containing these Stations the "Difference from Average" is based on the records from a smaller number of Stations than those supplying the values for "Hours Recorded."

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II.—DATA from which the SUMMARY on page 25 has been calculated.

January 28-February 3, 1906.		Temperature. In Degrees Fahrenheit.								Rainfall.			Bright Sunshine.			
Districts.	Names of Stations.	Highest observed.	Lowest observed.	Averages for the Week. Of Highest each day.	Of Lowest each day.	For whole of each day.	Difference of Daily Average from Mean for the Week.	Accumulated Heat for the Week (in Day-degrees). Above 42°	Below 42°	Number of Rain-Days.	Rainfall in the Week.	Difference from the Mean for the Week.	Number of Hours recorded.	Difference from the Mean for the Week.	Percentage of possible duration.	Difference from the Mean for the Week.
		°	°	°	°	°	°	Day-deg	Day-deg		Inches.	Inches.	Hrs.	Hrs.	%	%
0. SCOTLAND, N.	†Sumburgh Head (Deerness)	46	31	41·4	35·0	38·3	− 0·4	0	26	7	0·79	+ 0·09	13·5	+ 3·5	25	+ 6
	Wick	48	31	43·0	34·0	38·7	+ 0·8	3	30	6	1·10	+ 0·58	*	*	*	*
	†Lairg (Strathpeffer) Ⓢ	52	29	43·5	33·4	38·7	+ 3·0	4	33	7	1·30	+ 0·55	15·7	+ 4·3	28	+ 8
	Stornoway Ⓢ	49	32	43·4	36·1	39·9	+ 0·8	4	23	7	1·30	+ 0·23	10·0	− 1·0	18	− 2
	Glencarron Ⓢ	49	32	43·0	35·8	39·5	+ 2·3	3	23	7	2·52	+ 0·50	*	*	*	*
	Fort Augustus Ⓢ	50	31	44·4	35·5	40·1	+ 1·8	7	25	6	0·92	− 0·22	7·1	0·0	13	0
1. SCOTLAND, E.	Nairn	50	29	44·4	34·4	39·6	+ 2·0	7	30	7	0·52	+ 0·12	*	*	*	*
	Aberdeen	53	32	44·7	36·3	40·7	+ 2·8	8	23	5	0·63	+ 0·11	18·6	+ 4·1	33	+ 7
	Braemar Ⓢ	48	29	40·2	32·4	36·5	+ 1·9	0	39	6	0·90	+ 0·23	*	*	*	*
	Clathick Ⓢ	51	33	46·8	36·7	42·0	+ 4·4	13	15	6	0·89	− 0·03	*	*	*	*
	†Leith (Edinburgh)	51	34	47·1	39·4	43·4	+ 3·8	21	7	4	0·78	+ 0·40	21·1	+ 10·7	36	+ 19
	Marchmont Ⓢ	52	28	44·6	34·7	39·9	+ 2·3	7	29	2	0·64	+ 0·08	16·2	+ 3·4	28	+ 6
2. ENGLAND, N.E. — Northern part.	†Alnwick Castle (Cockle Park)	52	34	46·4	39·3	43·0	+ 4·6	18	8	3	0·42	− 0·10	24·6	—	42	—
	†Shields (Newcastle)	53	30	47·4	38·1	42·9	+ 3·8	23	11	3	0·19	− 0·18	10·1	+ 1·0	17	+ 2
	Durham	50	33	46·0	37·7	42·0	+ 4·4	11	12	2	0·06	− 0·33	21·5	+ 8·5	36	+ 14
	Scarborough Ⓜ	52	35	48·1	39·9	44·2	+ 5·2	24	6	2	0·09	− 0·35	21·8	—	36	—
	York	53	35	47·9	40·1	44·2	+ 5·6	23	5	4	0·13	− 0·27	17·3	+ 7·1	29	+ 12
2. ENGLAND, N.E. — Southern part.	†Spurn Head (Skegness)	51	37	45·4	40·6	43·1	+ 4·3	14	4	2	0·07	− 0·23	23·2	—	38	—
	Lincoln	55	33	47·4	39·5	43·6	+ 5·7	22	7	4	0·16	− 0·21	*	*	*	*
	†Fulbeck (Rauceby)	52	34	45·9	38·7	42·4	+ 4·8	17	9	4	0·07	− 0·32	16·0	—	26	—
3. ENGLAND, E. — Northern part.	Hillington Ⓜ	51	33	46·2	37·2	41·9	+ 4·1	12	21	3	0·44	+ 0·01	12·7	− 1·6	21	− 3
	†Yarmouth (Lowestoft)	50	35	45·7	38·3	42·2	+ 4·1	17	10	4	0·52	+ 0·16	24·9	—	41	—
	Geldeston	50	32	47·8	36·8	42·5	+ 3·8	25	15	6	0·32	− 0·02	21·7	+ 6·6	36	+ 11
3. ENGLAND, E. — Southern part.	Cambridge	51	31	47·4	37·6	42·7	+ 4·1	23	12	3	0·25	− 0·09	15·0	+ 0·1	24	0
	Felixstowe	49	35	47·1	38·3	42·9	+ 3·8	22	10	4	0·34	—	20·9	—	34	—
	Clacton-on-Sea	50	33	47·1	37·9	42·7	+ 3·6	22	11	4	0·33	—	21·1	—	34	—
	Rothamsted	54	32	47·5	37·8	42·8	+ 4·8	23	12	5	0·19	− 0·29	14·3	+ 0·3	23	+ 1
	†Shoeburyness (Southend)	50	35	47·9	39·1	43·7	+ 4·5	24	8	4	0·14	− 0·16	20·1	—	32	—
	London, Westminster	52	33	48·0	39·3	43·8	+ 3·8	24	8	4	0·11	..	7·6	+ 1·3	12	+ 2
4. MIDLAND COUNTIES. — Eastern part.	Harrogate	51	34	45·8	38·6	42·3	+ 4·7	16	10	4	0·20	− 0·32	25·0	—	42	—
	†Bawtry (Worksop)	57	36	49·3	41·3	45·5	+ 7·0	27	2	2	0·04	− 0·34	11·8	+ 0·8	19	+ 1
	Nottingham	53	37	47·9	40·7	44·4	+ 5·9	22	4	1	0·10	− 0·30	10·2	—	17	—
	†Colly Weston (Oundle)	50	35	46·6	38·4	42·7	+ 4·5	20	10	2	0·16	− 0·21	*	*	*	*
	Birmingham, Edgbaston	50	35	45·7	39·3	42·6	+ 4·2	16	8	3	0·15	− 0·29	9·5	—	16	—
	Oxford	50	35	47·4	39·6	43·7	+ 4·1	22	7	4	0·14	− 0·29	10·0	− 3·8	16	− 6
4. MIDLAND COUNTIES. — Western part.	Cheadle Ⓜ	49	33	45·1	37·3	41·4	+ 4·2	9	20	4	0·40	− 0·16	*	*	*	*
	Shrewsbury	52	36	48·5	40·2	44·5	+ 5·2	25	5	2	0·11	—	*	*	*	*
	Hereford Ⓜ	54	33	47·8	38·9	43·5	+ 4·3	24	9	2	0·16	− 0·36	*	*	*	*
	Cirencester	50	33	47·3	38·0	42·3	+ 4·7	22	11	2	0·10	− 0·47	13·4	− 0·7	22	− 1
	Bath	51	32	48·7	39·3	44·2	+ 4·0	27	8	4	0·10	− 0·45	15·8	—	26	—
5. ENGLAND, S.	†London, Brixton (Kew)	52	33	47·7	38·7	43·4	+ 3·7	24	9	4	0·12	− 0·28	14·2	+ 2·5	23	+ 4
	Wisley, Surrey	50	33	47·4	38·9	43·3	+ 4·6	22	9	4	0·15	—	16·8	—	27	—
	Swarraton Ⓜ	49	30	46·6	36·6	41·8	+ 3·6	13	24	4	0·13	− 0·48	*	*	*	*
	Tunbridge Wells Ⓜ	48	32	45·5	37·2	41·5	+ 3·1	10	20	4	0·17	− 0·39	16·8	+ 3·0	27	+ 5
	†Dungeness (Littlestone)	50	32	47·1	38·0	42·7	+ 2·9	22	11	6	0·17	− 0·20	18·8	—	30	—
	Hastings	49	34	46·5	38·2	42·5	+ 2·7	19	11	5	0·23	− 0·30	18·8	+ 1·7	30	+ 3
	Southampton	52	35	50·4	39·5	45·2	+ 4·5	33	7	4	0·15	− 0·43	19·7	+ 4·4	31	+ 7
	†Portland Bill (Bournemouth)	50	40	48·1	42·9	45·6	+ 4·4	25	0	4	0·15	—	16·3	—	26	—
6. SCOTLAND, W.	Laudale, Loch Sunart	52	34	46·5	38·1	42·5	+ 2·4	20	11	7	1·44	− 0·33	*	*	*	*
	Glasgow Ⓢ	49	34	45·3	38·8	42·2	+ 3·2	15	9	5	1·03	+ 0·28	19·3	+ 11·4	33	+ 20
	Cally Ⓢ	48	34	44·2	38·6	41·5	+ 2·7	6	14	5	1·24	+ 0·19	*	*	*	*
	‡Aspatria	48	34	44·7	38·7	41·8	+ 3·9	8	14	5	1·76	+ 1·16	16·2	—	28	—
	Douglas, Isle of Man	50	37	46·9	40·8	44·0	+ 3·3	19	3	4	0·54	− 0·31	20·7	+ 6·5	35	+ 11
7. ENGLAND, N.W.	‡Aspatria	48	34	44·7	38·7	41·8	+ 3·9	8	14	5	1·76	+ 1·16	16·2	—	28	—
	Newton Rigg	50	33	45·5	37·1	41·5	+ 4·3	10	21	4	0·68	− 0·10	15·3	+ 3·4	26	+ 6
	Stonyhurst	48	36	44·4	39·7	42·1	+ 3·6	10	6	4	1·27	+ 0·42	12·1	+ 1·0	20	+ 2
	Blackpool Ⓜ	49	36	45·2	40·4	42·9	+ 4·0	13	4	4	0·58	− 0·01	22·1	+ 10·0	37	+ 17
	Manchester, Prestwich	51	35	45·8	39·3	42·7	+ 4·1	16	8	6	0·74	+ 0·10	9·3	+ 2·0	15	+ 3
	†Liverpool Obs. (Hoylake)	51	38	46·9	42·4	44·7	+ 4·9	19	0	4	0·23	− 0·23	22·7	—	37	—
	Hawarden Bridge	52	37	48·3	42·7	45·6	+ 4·8	25	0	2	0·26	− 0·11	*	*	*	*
NORTH WALES	Llandudno Ⓜ	52	42	47·7	45·4	46·6	+ 5·0	32	0	3	0·31	− 0·25	14·5	+ 0·4	24	+ 1
	Holyhead	49	39	46·4	42·0	44·3	+ 2·5	16	0	4	0·25	− 0·40	*	*	*	*
	Bettws-y-Coed	50	36	47·9	41·6	44·9	+ 3·9	22	1	7	0·69	—	7·0	—	12	—
SOUTH WALES	Llangammarch Wells	49	36	45·4	39·8	42·7	+ 4·5	14	6	6	0·70	—	11·4	—	18	—
	Pembroke	50	42	48·0	44·0	46·1	+ 3·6	29	0	6	0·27	− 0·46	9·3	− 6·0	15	− 10
	Cardiff	51	30	48·3	38·8	43·7	+ 3·1	25	9	6	0·23	− 0·60	*	*	*	*
8. ENGLAND, S.W.	Clifton	50	36	47·4	39·5	43·6	+ 3·4	22	7	1	0·02	− 0·62	*	*	*	*
	†Shaftesbury (Marlborough) Ⓜ	47	35	45·3	38·1	41·8	+ 3·7	9	17	4	0·14	− 0·47	12·1	− 0·1	20	0
	Arlington, N. Devon	48	34	46·4	39·7	43·2	+ 2·8	18	6	7	0·98	− 0·01	*	*	*	*
	Cullompton Ⓜ	53	31	49·4	38·4	44·1	+ 3·5	30	10	4	0·18	− 0·56	17·5	+ 3·7	28	+ 6
	Plymouth	50	34	48·7	41·1	45·1	+ 2·5	25	3	5	0·38	− 0·38	10·9	− 4·7	17	− 8
	Falmouth	50	38	48·8	42·5	45·8	+ 2·1	27	0	7	0·48	− 0·52	12·6	− 4·2	20	− 7
9. IRELAND, N. — Western part.	Malin Head	51	36	46·0	41·3	43·7	+ 2·2	15	2	7	1·43	+ 0·86	*	*	*	*
	Edenfel	50	37	46·1	38·7	42·6	+ 3·9	18	9	6	1·48	+ 0·76	*	*	*	*
	Blacksod Point	51	42	48·1	43·4	45·8	+ 2·8	27	0	7	1·62	+ 0·62	*	*	*	*
	Markree Castle	51	37	48·4	41·1	44·9	+ 4·7	24	3	7	1·35	+ 0·55	11·2	− 1·3	19	− 2
9. IRELAND, N. — Eastern part.	Armagh	50	35	47·4	39·9	43·8	+ 4·1	21	6	6	0·82	+ 0·24	14·4	+ 1·7	24	+ 3
	Donaghadee	51	37	46·7	40·7	43·8	+ 3·1	18	4	7	0·53	− 0·05	*	*	*	*
10. IRELAND, S. — Eastern part.	†Dublin, City (Phœnix Park)	55	37	49·9	41·8	46·0	+ 4·0	29	1	4	0·12	− 0·38	9·4	− 5·8	15	− 10
	Kilkenny	52	36	48·0	42·0	45·1	+ 3·9	22	0	3	0·16	− 0·54	*	*	*	*
	Waterford	52	38	48·7	42·6	45·8	+ 4·1	27	0	3	0·06	− 0·33	*	*	*	*
10. IRELAND, S. — Western part.	Birr Castle	53	38	48·0	41·0	44·6	+ 4·2	22	3	6	0·35	− 0·25	8·4	− 5·4	14	− 9
	Foynes	52	42	48·4	43·9	46·2	+ 4·0	29	0	7	0·55	− 0·24	*	*	*	*
	Killarney	55	40	50·0	43·7	47·0	+ 3·6	35	0	6	0·57	− 0·76	*	*	*	*
	Valencia	52	43	50·0	45·4	47·8	+ 3·0	41	0	7	0·41	− 0·89	5·6	− 8·6	9	− 14
	†Roches Point (Ballinacurra)	51	40	49·0	44·3	46·7	+ 3·0	33	0	3	0·04	− 1·02	10·6	—	17	—
11. CHANNEL ISLANDS	Scilly, St. Mary's	51	42	49·9	43·4	46·8	+ 1·1	34	0	6	0·12	− 0·61	12·4	− 4·9	19	− 8
	†Jersey, St. Aubins (St. Heliers)	51	39	49·4	42·4	46·0	+ 3·3	28	0	6	0·45	− 0·21	14·3	− 4·8	22	− 8
	Guernsey	49	39	47·8	42·3	45·2	+ 1·8	22	0	6	0·37	− 0·38	7·2	− 9·5	11	− 15

Information for Stations marked Ⓜ is supplied by the Royal Meteorological Society, and that for Stations marked Ⓢ is supplied by the Scottish Meteorological Society.

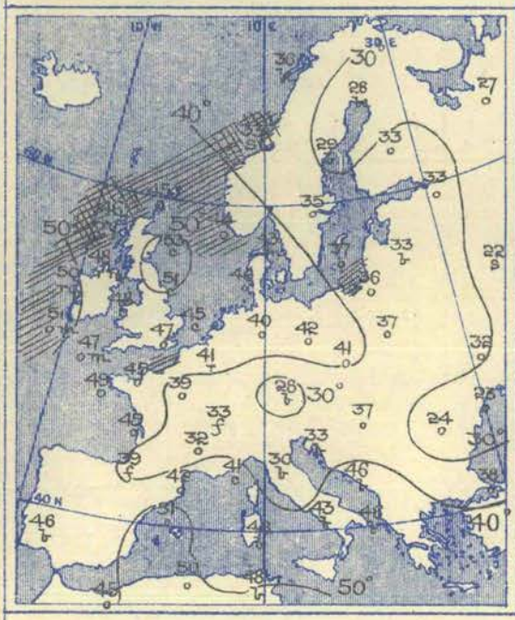
* An Asterisk is inserted in all places for which the information is not usually given.

† There is no Sunshine Recorder in use at this Station. The figures entered for Sunshine are those recorded at a neighbouring Station of which the name is given in brackets.

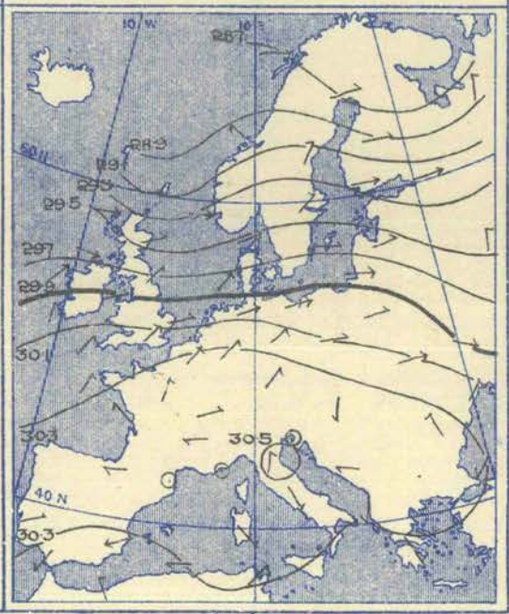
‡ This station is included in two districts to facilitate the compilation of values for the Agricultural divisions of the country adopted by the Board of Agriculture as well as the Forecast districts of the Meteorological Office.

Sunday, 28th January, 1906.

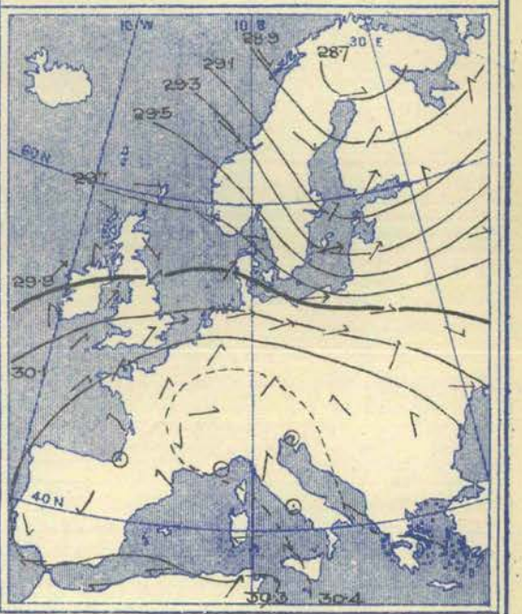
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. very cloudy or overcast over our area as a whole, with rain on our north-west coasts and snow at Christiansund and Moscow. Fair or fine and bright over the Gulf of Finland and in many parts of the Mediterranean region. Heavy rain experienced later in the north and north-west of our Islands, as much as 0·74 in. at Leith, 0·85 in. at Malin Head, and 1·10 in. at Blacksod Point. Smaller quantities falling in all our northern and western districts and also at some stations in Algeria.

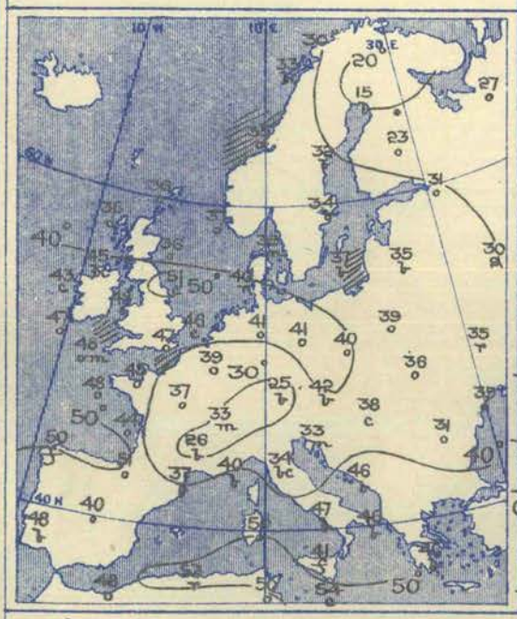
TEMPERATURE risen in most places, quickly in Russia and Hungary. Morning readings as high as 58° at Tunis, and 50° or above on the east coast of Scotland, the west coast of Ireland, and at Bilbao and Barcelona. Below 40° over the greater portion of the Continent, and below 32° at Munich, in the north of Sweden, and at most Russian stations. Lowest value, 13° at Kharkoff. Thermometer rising later to 63° at La Calle, 61° at San Fernando, and to 59° at Malta. Maxima above 50° in the southern parts of Italy and France, and also in many British regions, but considerably lower over Europe as a whole.

WIND in morning between West and North-West at nearly all stations over the northern half of our area; fresh or strong in several regions, and blowing a gale at Donaghadee, Leith, and Skudesnaes. A light anticyclonic circulation prevailing over the southern districts and the Mediterranean. Not much change later beyond some increase in force over Scandinavia and the Baltic, and a slight backing on our own west and north-west coasts.

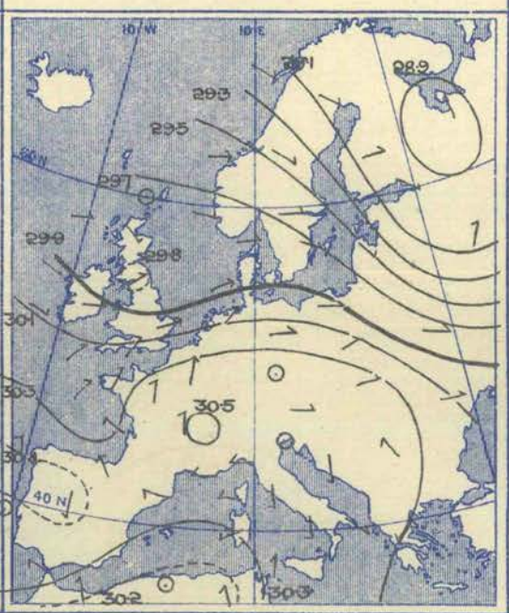
BAROMETER at 8 a.m. above 30·4 ins. in a vast anticyclone having its centre over the north of Italy and below 28·7 ins. in the Arctic regions of Europe. Gradients steep or rather so over these Islands and the more northern countries generally. Scarcely any change in the general distribution of pressure during day, but an increase in the steepness of the gradient taking place over the Baltic and its neighbourhood, and a slight fall of the mercury occurring at our own western stations.

Monday, 29th January, 1906.

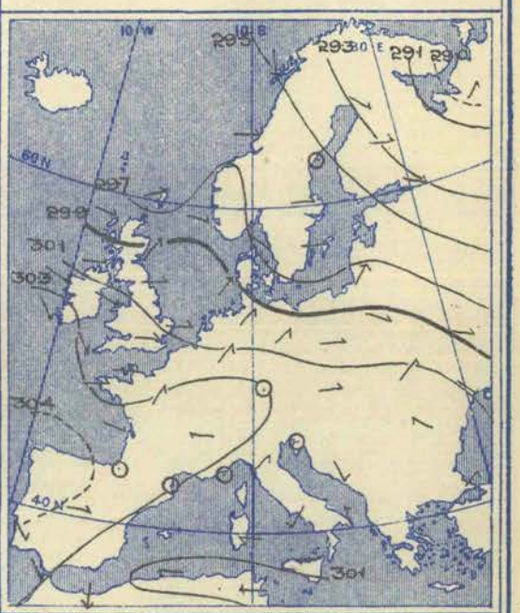
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. cloudy or dull as a whole, but fine and bright in many parts of Scandinavia and the south of Europe. Rainy at some stations in Algeria, in the south-east of Scotland, as well as at Fanö, Swinemünde, and Kieff, and snow falling at Moscow. Heavy rain later in Algeria, and slight amounts in various parts of France, Germany, and these Islands.

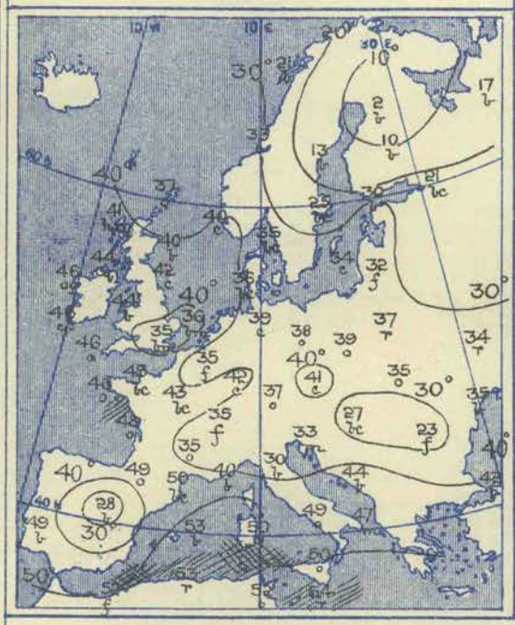
TEMPERATURE fallen generally, quickly in Scotland, risen in Russia and the extreme south-west of France. Readings in morning ranging from 57° at Sfax and 51° at Biarritz and North Shields, to less than 40° in Scotland and in most Continental countries, and to below 32° in several regions. Lowest values, 25° at Munich and 15° at Haparanda. Frost continuing all day in Russia and the north of Sweden, and remaining below 40° in the central countries. Rising to 50° or above in the south and south-east of England and over southern Europe, and to 59° at Tunis, Croisette, and Lisbon.

WIND in morning light and anticyclonic over the more southern districts of our area. Mainly between South-West and North-West over all the more northern regions, but a small cyclonic circulation shown over Northumberland and its vicinity; fresh in force in many places, and blowing a moderate gale over the Gulf of Finland. Decreasing in force during day, but changing little in direction.

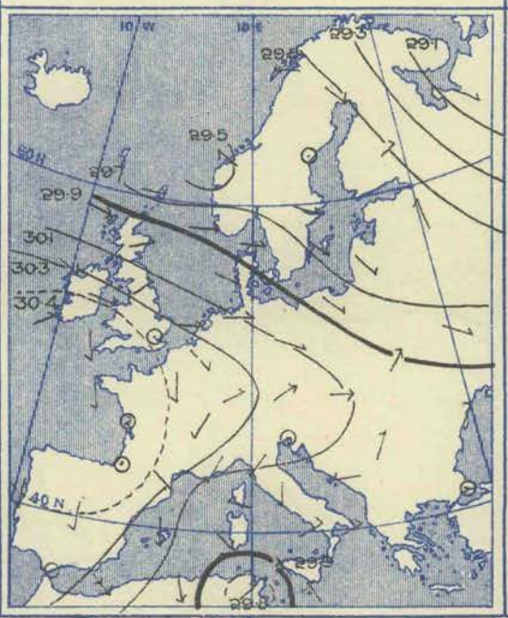
BAROMETER at 8 a.m., below 28·9 ins. in a large depression over the north of Russia, and less than 29·8 ins. in a small minimum over the extreme north-east of England; increasing to the southward to above 30·4 ins. in an anticyclone centred over Switzerland and the adjacent portion of France. Pressure decreasing over Germany during day, and gradients becoming much less steep over the northern countries of Europe. A rise of the mercury taking place over our Islands and the west of France.

Tuesday, 30th January, 1906.

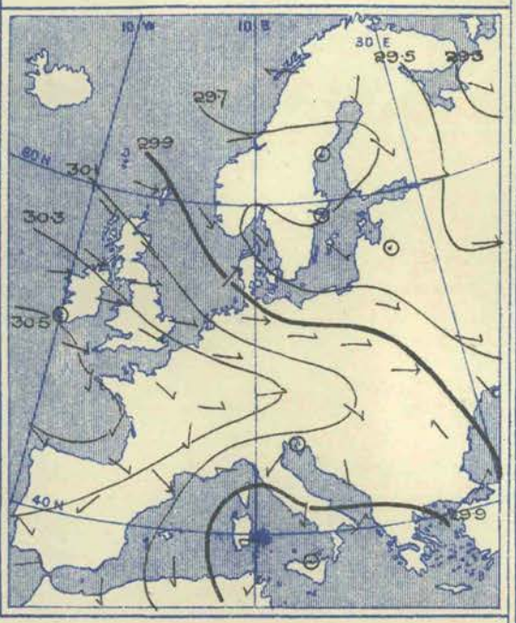
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine and bright in the north-east of our area, in most parts of the United Kingdom, France, and at several stations in Spain. Overcast or very cloudy elsewhere, with rain at Algiers, Malta, Bilbao, and at a few German and Russian stations, and showers of sleet or hail in the extreme north of Scotland. Large quantities of rain later in the south of Italy, and further falls in Algeria and at Malta.

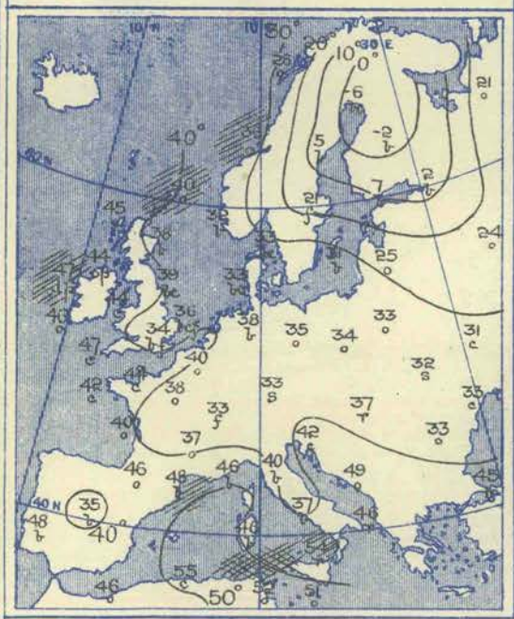
TEMPERATURE risen in Scotland and Italy, fallen in nearly all other regions. Morning readings a little above 50° in the extreme south of our area, and only slightly below it in the south-west of France. Below the freezing point at Madrid and Florence, and in almost all parts of Russia and Scandinavia. Lowest value, 2° at Uleaborg. Severe frost continuing all day in the latter regions, but thermometer rising to 50° or rather higher in most parts of France and Italy, to 59° at Madrid and at other Spanish stations, and to 68° at Algiers.

WIND at 8 a.m. moderate from the Eastward in the north of Norway, but moderate from either West or North-West over the northern half of our area generally; drawing into North over the western portion of the Mediterranean, and blowing freshly or strongly in many places, and with the force of a gale at Oran. No material change occurring later.

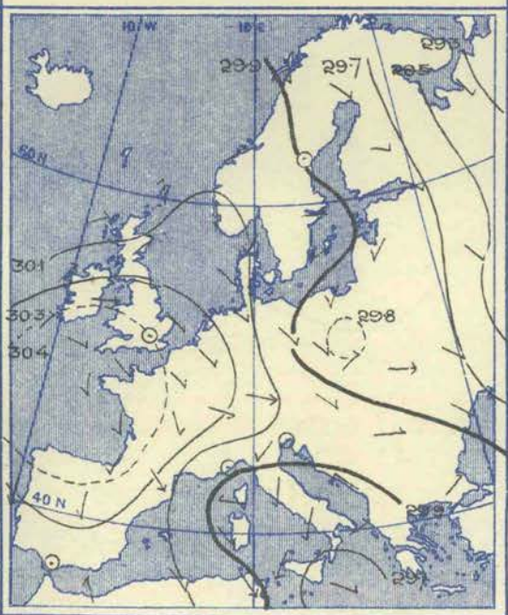
BAROMETER in morning highest, 30·4 ins. and above in a large anticyclone extending from the Atlantic to the south-west of these Islands, the west of France, and north of Spain; decreasing to 29·8 ins. in a depression over Tunisia, to 29·50 ins. in another off the west of Norway, and to less than 29·1 ins. in a large disturbance over the northern parts of Russia. Norwegian depression travelling away south-eastwards during day, and pressure increasing decidedly over Scotland and Norway. Little change taking place over England and France.

Wednesday, 31st January, 1906.

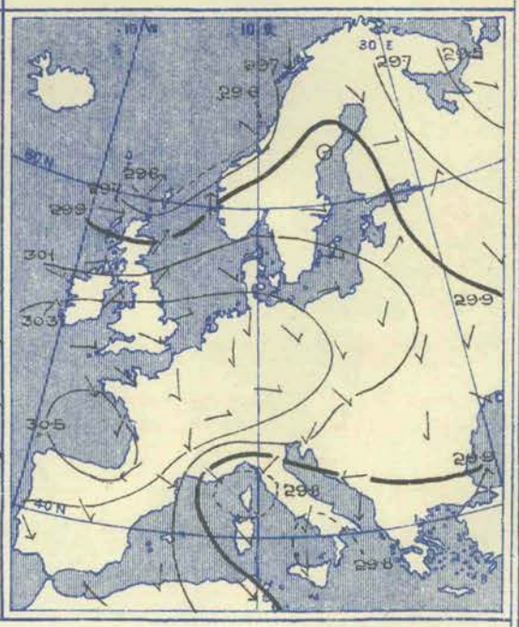
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fair or fine in most parts of our Islands, but showery on our extreme north-west coasts. Cloudy or overcast in most Continental regions, with rain in the south of Italy. Fine and bright in the Spanish Peninsula, the south-east of France, the north of Italy, and in Sweden and Finland. Heavy rain later at Palermo, and slight amounts in the west and north of these Islands.

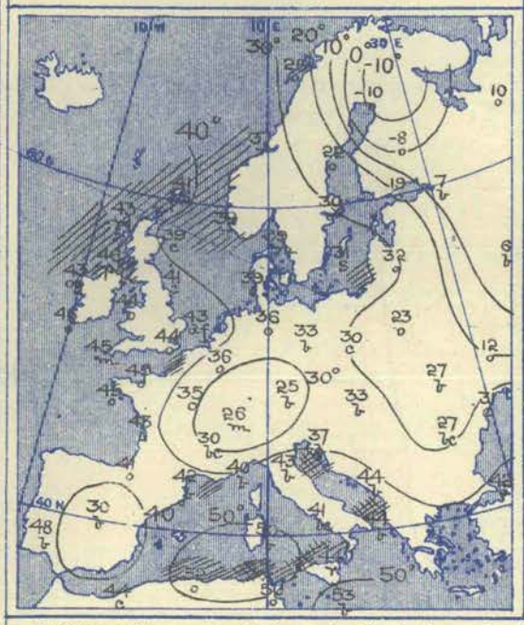
TEMPERATURE in morning ranging from above 50° in the extreme south of our area, to below 40° over Europe generally, to less than 32° in the north and north-east, and to below zero in Finland and the north of Sweden. Lowest reading, −6° at Haparanda. Maxima during day, 61° in Algeria and nearly as high at some other southern places, and about 50° in France and our Islands. Frost continuing all day in the far north and north-east. Maximum at St. Petersburg only 12°, and at Haparanda 16°.

WIND at 8 a.m. light or moderate anticyclonic over the Spanish Peninsula, France, and the greater portion of our Islands, and cyclonic elsewhere. Fresh or strong at various stations on the shores of the Mediterranean, at Christiansund, and on the north-west coast of Ireland, moderate or light generally. Increasing in force from the Westward in Scotland later, and to a gale from South at Skudesnaes. Backing to the Westward over our Islands generally.

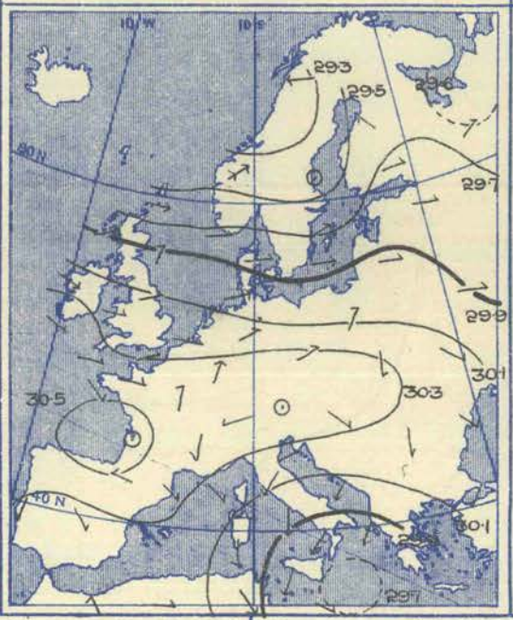
BAROMETER in morning highest, above 30·4 ins. in a large anticyclone extending from the Atlantic over the Bay of Biscay and all the neighbouring territory. Lowest, less than 29·4 ins. in a depression over the extreme north of Russia; below 29·7 ins. in a disturbance centred over Malta, and below 29·8 ins. in another system over Poland. A separate minimum forming over Corsica later, and gradients growing steep over the south-east of France, and a large and rather deep disturbance approaching the west of Norway. High pressure system extending in an Easterly direction.

Thursday, 1st February, 1906.

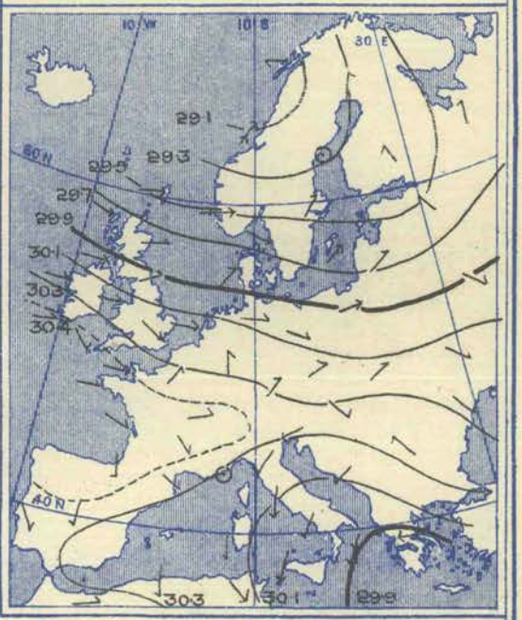
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m generally fine and bright in the south of Europe, as well as at several stations in the central regions. Cloudy or dull over our area as a whole, with rain in a few parts of the United Kingdom and the west of Norway, and snow at Wisby. Rain also falling at Palermo and Constantinople. Slight rain falling in many parts of these Islands later and in the nearer parts of the Continent, and as much as 0·7 in. at Malta and Palermo.

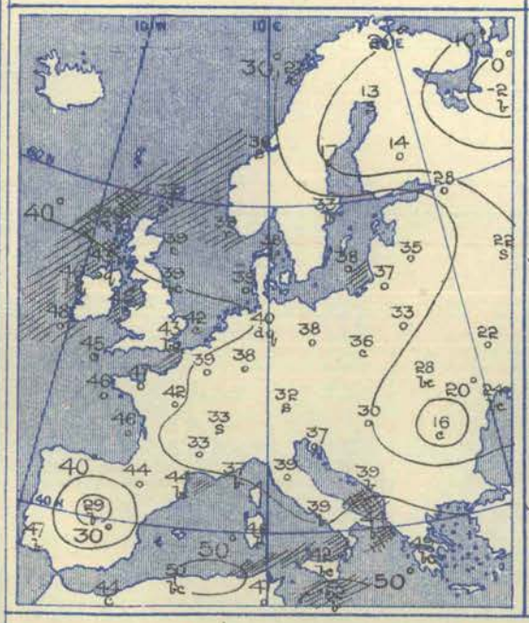
TEMPERATURE risen over England, Denmark, Scandinavia, and the Gulf of Finland, fallen generally elsewhere. Readings in morning above 50° at some stations in the far south of our area and above 45° in many parts of England and Ireland. Below 40° over Europe as a whole, and below 32° at Madrid and over vast tracts of the central and northern countries. Intense frost prevailing in Finland and the north of Sweden. Lowest values, −10° at Haparanda and Uleaborg. Rising during day to 61° at Nemours, and to nearly 60° at some other stations in the far south. Thermometer remaining below 50° generally, and much below 32° in the north-east of our area.

WIND at 8 a.m. mainly Westerly or North-Westerly over our Islands and Westerly over the North Sea and Denmark; drawing into South-West over Scandinavia generally, and into East in the north. Of moderate force as a whole, but fresh or strong on our northern coasts and over the Baltic, and blowing a gale at Christiansund. Fresh or strong North-Easterly winds prevailing over Italy and its vicinity, with a gale at Brindisi. An anticyclonic circulation of light or moderate winds shown over the central countries and the Bay of Biscay. Very little change during day.

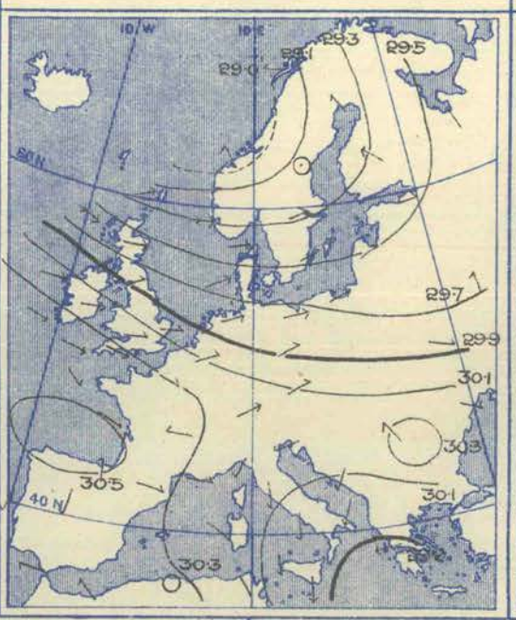
BAROMETER at 8 a.m. ranging from above 30·5 ins. over the Bay of Biscay and its immediate neighbourhood, to 29·7 ins. or less in a depression to the southward of Italy, and to below 29·2 ins. in another system over the north-west of Norway and the adjacent portion of the Ocean. Gradients rather steep both over the southern and northern regions of Europe. Scarcely any change occurring in the general distribution of pressure later, but barometer falling all over the northern regions and rising somewhat in the Mediterranean region.

Friday, 2nd February, 1906.

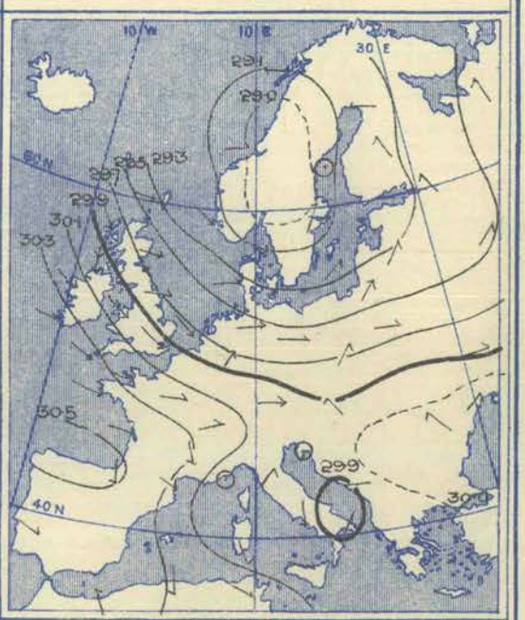
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine and bright over the southern part of our area and at a few stations in England; cloudy or overcast generally, with showers of rain in England and of snow or hail in Scotland. Snow also falling at Christiansund and Moscow. Rain, in small amounts, falling later in Ireland and England, and sleet or snow in Scotland. Small amounts of rain also experienced in most parts of France, the Low Countries, and Germany.

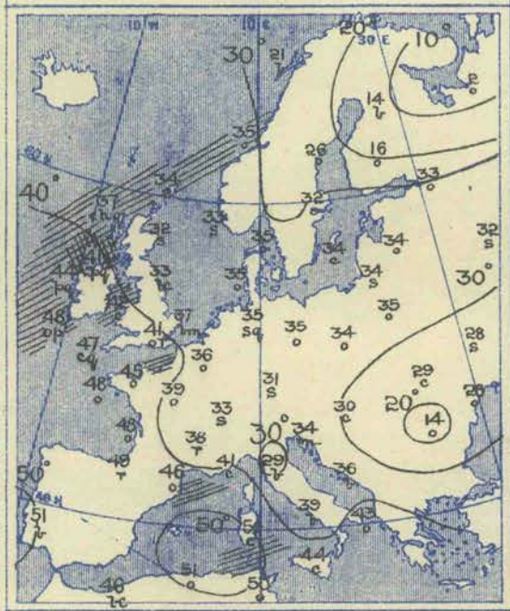
TEMPERATURE fallen in the United Kingdom and Italy, risen in most other regions. Readings in morning about 50° at two or three stations in the extreme south, but below 40° generally, and below 32° in central Spain and the north-east and east of Europe. Lowest values, 16° at Hermanstadt, 13° at Haparanda, and −2° at Archangel. Rising later to 61° at Lisbon, Nemours, and Algiers, to 59° at Barcelona, and to 50° or rather above at some other southern stations. Thermometer remaining below the freezing point in the extreme north and north-east.

WIND at 8a.m. Westerly over our Islands and the more northern countries of Europe generally, but drawing into East in the extreme north of Scandinavia. Fresh or strong to a gale in force on our north-west coasts and on the south-west coasts of Norway. A moderate gale from the North-Eastward prevailing over Greece and at Brindisi, and light or moderate winds from some Northerly point over the Mediterranean region as a whole. Veering to North-West and increasing to a moderate or fresh gale in many parts of our Islands later.

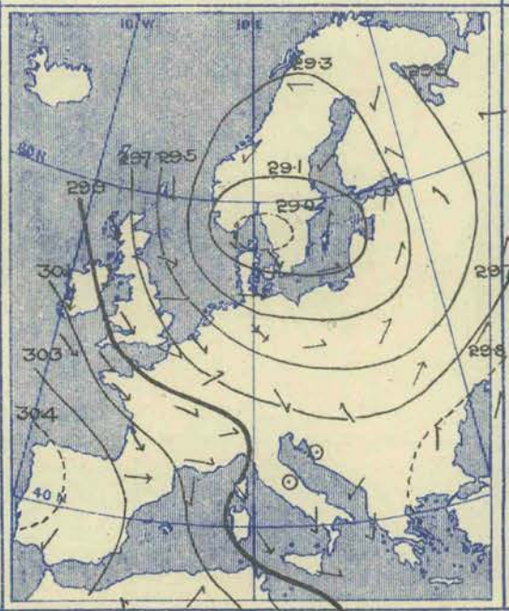
BAROMETER in morning above 30·5 ins. in an anticyclone centred over the southern portion of the Bay of Biscay and the north of Spain, and no lower than 30·3 ins. over Transylvania. Below 29·0 ins. in a large depression having its centre off the north-west of Norway, and less than 29·9 ins. over Greece. Northern depression travelling south-eastwards later, and pressure increasing in Scotland and Ireland. Barometer falling over the Gulf of Genoa, and gradients becoming very steep over the south-east of France.

Saturday, 3rd February, 1906.

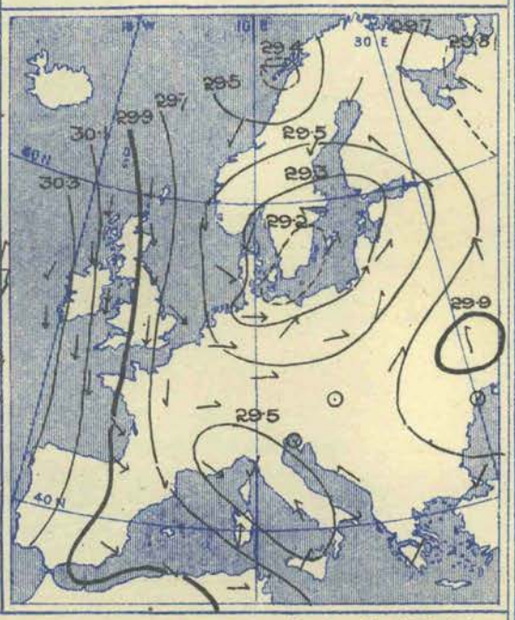
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine and bright in many parts of Italy, Algeria, and the Spanish Peninsula, but very cloudy or entirely overcast over our area generally. Showers falling in Ireland and steady rain in several English districts, and in the south-west of France, and snow at some Scottish stations and in many Continental localities. Squalls of sleet or snow experienced later over the United Kingdom and the nearer portions of the Continent and over Germany, and heavy rain in the south of Italy and in Sicily. Largest measurement, 1·3 in. at Palermo.

TEMPERATURE risen in Russia and the west of France, fallen elsewhere. Morning readings above 32° over the greater part of Europe, but below it in the east and north-east, and in North Italy. Lowest values, 14° at Hermanstadt, 13° at Haparanda, and 2° at Archangel. Thermometer above 45° on our own south-west coasts, and slightly above 50° at Lisbon and at some Algerian stations. Maxima during day as high as 66° at Nemours and 59° at Lisbon and Barcelona. Below 50° over our area as a whole, and less than 32° in the north and north-east.

WIND at 8 a.m. showing a vast cyclonic circulation around Scandinavia. North-Westerly current blowing a strong breeze or moderate gale on our north and west coasts generally, and a fresh gale in the north of Ireland. A fresh gale from North-West also prevailing at the mouth of the Elbe, and strong breezes over the Bay of Biscay and the north and west of France. A separate circulation prevailing over the Mediterranean, the wind being strong from North-West at several stations. Veering to North later over the whole of the United Kingdom and France and continuing to blow strongly; increasing to a fresh gale at Holyhead and Jersey, and to a moderate gale over the Bay of Biscay.

BAROMETER in morning ranging from 30·4 ins. in Portugal to less than 29·8 ins. over Italy and the Adriatic, and to below 29·0 ins. in an extensive depression having its centre over the south of Norway. Latter travelling south-eastwards during day and barometer rising quickly in its rear. Italian disturbance growing deeper and becoming well defined. Gradients increasing all over our Islands and their neighbourhood and assuming a northerly trend.

IV.—BRIGHT SUNSHINE Values for the Week, in addition to those on page 26.

	STATIONS.	No. of Hours recorded.	Difference from the Mean for the Week.	Percentage of Possible Duration	Difference from the Mean for the Week.
1.	Crathes	23·0	—	40	—
	Balruddery	22·5	—	39	—
2.	Saltburn-by-the-Sea	15·6	—	26	—
3.	Cromer	23·0	—	38	—
	Dunmow	15·9	—	24	—
	London, Bunhill Row	2·0	− 3·5	3	− 6
4.	Sheffield	15·0	—	25	—
	Margate	18·9	+ 4·5	31	+ 7
	Ramsgate	21·2	—	34	—
	Eastbourne	17·3	+ 1·5	28	+ 2
5.	Brighton	18·3	+ 2·8	29	+ 4
	Worthing	17·4	—	28	—
	Bognor	17·6	—	28	—
	Ventnor Hospital	18·2	+ 1·7	29	+ 3
7.	Southport	17·3	—	29	—
	Rhyl	20·6	—	34	—
	Aberdovey	8·5	—	14	—
8.	Aberystwyth	8·8	—	15	—
	Tenby	13·9	− 2·4	22	− 4
	Torquay	19·0	+ 2·9	30	+ 5
	Newquay	12·3	− 3·7	20	− 6

V.—OBSERVATIONS IN THE UPPER AIR.—Temperature, Humidity and Wind Velocity.

Date of Observation.	Station and its Height above M.S.L.		Heights in feet above Mean Sea Level. Ground Level.	1,660.	3,320.	5,000.	6,660.	8,320.	10,000.	Remarks.
1906. January 29th 2.50 p.m.— 4.10 p.m.	Oxshott, 200 ft.	Temperature F.	48°	42°	40°	37°				One kite. Wire 6,030 ft. Max. height 5,200 ft. Cloud level 1,500 ft. Slight inversion at 3,000 ft. Rain 3.30 p.m.—5.0 p.m.
		Humidity	90	100	80	80				
		Wind Velocity, m. per hr.	SW, 8	W. 25	WNW, 30	W, 40				
February 1st 9.50 a.m.— 11.50 a.m.	Oxshott, 200 ft.	Temperature F.	46°	42°	39°	37°				Two kites. Wire 6,800 ft. Max. height 5,500 ft. Lowest temperature 36°. Cloud level 900 ft. Raining throughout.
		Humidity	100	100	100	100				
		Wind Velocity, m. per hr.	SW, 8	W, 35	W by N, 25	W by S, 30				
February 1st 11.50 a.m.— 1.40 p.m.	Ditcham Park, Petersfield, 400 ft.	Temperature F.	45°	41°	37°	35°				One kite. Wire 8,070 ft. Max. height 5,600 ft. Lowest temp. 33°. Cloud level 1,350 ft. Temp. decreasing rapidly during the ascent.
		Humidity	95	100	100	95				
		Wind Velocity, m. per hr.	W by S, —	W by N, —	—	W by N, —				
February 2nd 10.15 a.m.— 10.50 a.m.	Oxshott, 200 ft	Temperature F.	45°	40°	34°					One kite. Wire 3,670 ft. Max. height 3,300 ft. Clouds not reached. Kite broke away and fell 3 minutes later 1¾ miles E, 5° S.
		Humidity	80	70	80					
		Wind velocity, m. per hr.	SW by W, 12	W, 35	WNW, 45					
February 2nd 2.40 p.m.— 4.30 p.m.	Brighton, ? ft.	Temperature F.	45°	40°						Wind very strong. Squall with rain and sleet at 5 p.m.
		Humidity	80	80						
		Wind Velocity, m. per hr.	WNW, —	—, 30						

63, Victoria Street, London, S.W.
February 7th, 1906.

W. N. SHAW,
Director.

ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE,

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TWENTY-NINTH YEAR. Vol. XXIII. (New Series.) } No. 6. SIXTH WEEK, ENDING SATURDAY, FEBRUARY 10TH, 1906. [Price 6d. Annual Subscription post paid £1 10s. 0d.

I.—GENERAL REMARKS.

Weather during this week was generally cold, rough, and extremely unsettled, with squalls of rain, hail, sleet or snow, alternating with occasional bright, sunny intervals. A severe thunderstorm for the time of year travelled from north-west to south-east across England on Thursday.

Rainfall exceeded the average in most of the western and northern districts, the excess being large in the north of Scotland and the north-west of England. Over the central and southern parts of the Kingdom it was, as a rule, slightly less than the average.

Temperature was below the mean very generally, the deficit ranging from 2°·9 in Scotland N. to 1°·5 in England N.E. The highest of the maxima, which were recorded about the middle or at the end of the period, varied from 55° in the Midland Counties and the Channel Islands to 47° in Scotland N. The lowest of the minima were registered on rather irregular dates; in Scotland E. and W. the thermometer fell to 14°, but elsewhere the readings ranged from 19° in the Midland Counties, to 27° in Ireland S., and to 32° in the Channel Islands.

Bright Sunshine was abundant for the time of year except in Scotland N. and over Ireland. The percentage of the possible duration ranged from 45 in the Channel Islands, and 39 in England N.E., to 21 in Ireland S., and to 10 in Scotland N.

Barometer and Wind. The changes in barometric pressure were frequent, and during the latter half of the period they became unusually violent. The week commenced with the barometer highest off the west of Ireland, and a moderate to strong Northerly wind over the whole Kingdom. The area of high pressure subsequently became situated over the south of the United Kingdom and the adjacent parts of the Continent, and finally over the Bay of Biscay. Most of the centres of the deep cyclonic systems remained beyond our northern coasts, but during the night of Saturday a very important system passed eastwards directly across Scotland. The general direction of the wind was between South-West and North-West, from which direction it often rose to a moderate to fresh gale over the country as a whole, and to a strong to whole gale in the south-west, west, and north-west.

SUMMARY OF TEMPERATURE, RAINFALL, AND DURATION OF BRIGHT SUNSHINE IN THE UNITED KINGDOM, FOR AGRICULTURAL AND SANITARY PURPOSES.

THE WEEK (6th)—February 4th to February 10th, 1906.

DISTRICTS. (See p. 32.)	Temperature. Highest.	Lowest.	Means of Daily Max.	Daily Min.	Daily Mean.	Difference from Av. (35 Yrs.)	Accumulated Number of Day-Degrees. Above 42°	Difference from Av. (25 Yrs.)	Below 42°	Difference from Av. (25 Yrs.)	Rainfall. Number of Rain-Days.	Diff. from Av. (35 Yrs.)	Total Fall.	Difference from Average (35 Yrs.)	Sunshine. Hours recorded.	Diff. from Av. (25 Yrs.)	Percentage of Possible Duration.	Diff. from Av. (25 Yrs.)
	°	°	°	°	°	°	Day-deg.	Day-deg.	Day-deg.	Day-deg.			Inches.	Inches.			%	%
0. SCOTLAND, NORTH	47	29	39·4	30·9	34·7	− 2·9	0	− 7	51	+ 13	6	+ 1	7·81	+0·83	6	− 6	10	−10
Eastern 1. SCOTLAND, EAST	50	14	40·9	28·6	34·8	− 2·7	0	− 9	50	+ 9	5	+ 1	0·74	+0·17	20	+ 6	32	+10
Eastern 2. ENGLAND, N.E.	49	20	42·9	30·9	36·9	− 1·5	3	− 6	39	+ 5	5	+ 1	0·32	−0·08	25	+ 9	39	+15
Eastern 3. ENGLAND, EAST	50	25	42·1	31·3	36·7	− 2·1	0	−10	38	+ 1	5	+ 1	0·53	+0·15	23	+ 8	35	+12
Eastern 4. MIDLAND COUNTIES	52	19	43·1	29·7	36·5	− 2·3	3	− 9	45	+ 7	4	0	0·46	−0·02	24	+12	33	+18
Eastern 5. ENGLAND, SOUTH	49	21	42·9	31·4	37·2	− 2·5	3	−10	38	+ 10	4	0	0·44	−0·06	25	+ 9	38	+14
Western 6. SCOTLAND, WEST	48	14	42·5	30·4	36·5	− 2·7	1	− 9	41	+ 12	6	+ 2	1·11	+0·13	21	+ 8	34	+13
Western 7. ENGLAND, N.W.	49	23	42·7	31·6	37·2	− 2·4	2	− 9	37	+ 9	5	+ 1	1·23	+0·64	22	+10	35	+16
Western 8. ENGLAND, S.W.	50	29	44·4	31·9	38·2	− 2·7	7	−10	37	+ 15	4	0	0·79	+0·02	24	+ 9	38	+13
Western 9. IRELAND, NORTH	48	26	44·0	32·7	38·9	− 1·8	6	− 8	31	+ 6	6	+ 1	0·93	+0·29	14	− 2	21	− 4
Western 10. IRELAND, SOUTH	51	27	46·4	35·0	40·7	− 1·8	12	− 9	28	+ 9	6	+ 3	0·70	−0·11	14	− 2	21	− 4
11. CHANNEL ISLANDS	52	32	46·7	37·2	42·0	− 2·0	13	−11	13	+ 3	5	0	0·29	−0·29	30	+10	45	+15

THE SEASON (Winter)—Aggregates, &c., for the Period of 10 Weeks, December 3rd, 1905, to February 10th, 1906.

0. SCOTLAND NORTH	55	20	*	*	*	*	82	+ 6	245	− 84	56	+ 7	13·96	+2·46	59	− 9	12	− 2
Eastern 1. SCOTLAND, EAST	56	14	*	*	*	*	106	+23	247	−142	41	+ 3	5·02	−0·55	110	+ 8	22	+ 2
Eastern 2. ENGLAND, N.E.	56	24	*	*	*	*	103	+11	234	−118	32	− 4	3·28	+1·24	125	+19	25	+ 3
Eastern 3. ENGLAND, EAST	57	25	*	*	*	*	88	−11	255	−116	36	− 2	4·96	+0·62	133	+19	24	+ 3
Eastern 4. MIDLAND COUNTIES	57	19	*	*	*	*	106	− 6	260	−121	36	− 1	5·07	−0·07	120	+18	22	+ 3
Eastern 5. ENGLAND, SOUTH	57	21	*	*	*	*	156	+18	177	−103	40	+ 2	6·16	+0·43	140	+23	24	+ 4
Western 6. SCOTLAND, WEST	54	14	*	*	*	*	126	+13	154	−108	50	+ 5	11·30	−0·08	100	+14	19	+ 3
Western 7. ENGLAND, N.W.	57	23	*	*	*	*	135	+21	150	−117	41	0	7·98	+0·58	110	+22	20	+ 4
Western 8. ENGLAND, S.W.	55	10	*	*	*	*	192	+ 7	132	− 48	41	− 1	9·03	+0·95	132	+13	23	+ 2
Western 9. IRELAND, NORTH	54	26	*	*	*	*	172	+39	114	−124	59	+10	9·42	+1·47	104	+ 3	19	+ 1
Western 10. IRELAND, SOUTH	56	25	*	*	*	*	269	+51	85	− 93	51	+ 6	8·07	−1·06	101	− 25	18	− 4
11. CHANNEL ISLANDS	55	27	*	*	*	*	284	+ 7	26	− 46	48	+ 3	6·55	−1·50	162	+18	28	+ 3

THE YEAR.—Aggregates, &c., for the period of 6 Weeks, December 21st, 1905, to February 10th, 1906.

0. SCOTLAND, NORTH	52	20	*	*	*	*	18	−25	190	− 22	36	+ 7	9·37	+3·22	39	− 8	13	− 3
Eastern 1. SCOTLAND, EAST	56	14	*	*	*	*	26	−14	183	− 61	26	+ 3	4·03	+0·58	75	+ 4	23	+ 1
Eastern 2. ENGLAND, N.E.	56	24	*	*	*	*	48	− 3	145	− 64	25	+ 4	2·85	+0·45	85	+ 9	25	+ 3
Eastern 3. ENGLAND, EAST	54	25	*	*	*	*	60	+ 6	150	− 83	27	+ 5	4·11	+1·74	99	+24	28	+ 7
Eastern 4. MIDLAND COUNTIES	57	19	*	*	*	*	63	− 2	165	− 70	28	+ 4	4·40	+1·50	84	+23	24	+ 7
Eastern 5. ENGLAND, SOUTH	55	21	*	*	*	*	105	+33	112	− 69	30	+ 7	5·42	+2·39	108	+30	30	+ 9
Western 6. SCOTLAND, WEST	52	14	*	*	*	*	52	− 9	123	− 49	32	+ 5	8·09	+1·82	66	+12	20	+ 4
Western 7. ENGLAND, N.W.	57	23	*	*	*	*	67	+ 8	108	− 65	30	+ 6	6·59	+2·90	64	+ 5	19	+ 2
Western 8. ENGLAND, S.W.	54	20	*	*	*	*	117	+17	100	− 36	31	+ 6	8·10	+3·21	80	+17	25	+ 5
Western 9. IRELAND, NORTH	54	20	*	*	*	*	80	− 1	103	− 49	39	+10	6·35	+2·99	66	0	20	0
Western 10. IRELAND, SOUTH	56	25	*	*	*	*	139	+16	78	− 34	35	+ 8	6·40	+0·83	71	− 13	20	− 4
11. CHANNEL ISLANDS	55	27	*	*	*	*	173	+21	23	− 30	35	+ 8	5·18	+0·73	112	+20	31	+ 5

Bright Sunshine.—For certain of the Districts the values of Bright Sunshine in this Table are based on the records from a part only of the Stations included in the Tables under II. and IV. For certain of the Stations Mean Values are not available, and for the Districts containing these Stations the "Difference from Average" is based on the records from a smaller number of Stations than those supplying the values for "Hours Recorded."

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II.—DATA from which the SUMMARY on page 31 has been calculated.

February 4-10, 1906.		Temperature. In Degrees Fahrenheit.								Rainfall.			Bright Sunshine.			
Districts.	Names of Stations.	Highest observed.	Lowest observed.	Averages for the Week. Of Highest each day.	Of Lowest each day.	For whole of each day.	Difference of Daily Average from Mean for the Week.	Accumulated Heat for the Week (in Day-degrees). Above 42°	Below 42°	Number of Rain-Days.	Rainfall in the Week.	Difference from the Mean for the Week.	Number of Hours recorded.	Difference from the Mean for the Week.	Percentage of possible duration.	Difference from the Mean for the Week.
		°	°	°	°	°	°	Day-deg	Day-deg		Inches.	Inches.	Hrs.	Hrs.	%	%
0. SCOTLAND, N.	†Sumburgh Head (Deerness)	45	25	38·6	31·1	34·9	− 3·3	0	50	7	1·25	+ 0·59	9·8	− 2·1	17	− 4
	Wick	44	20	39·4	29·3	34·4	− 3·5	0	53	6	2·13	+ 1·61	*	*	*	*
	†Lairg (Strathpeffer) ℌ	43	22	38·0	28·5	33·3	− 2·3	0	61	5	1·25	+ 0·51	6·0	− 7·4	10	− 12
	Stornoway	47	26	40·6	32·9	36·8	− 2·1	0	36	6	2·32	+ 1·32	6·1	− 7·4	10	− 12
	Glencarron ℌ	45	25	39·6	29·9	34·8	− 2·1	0	50	6	?2·43	+ 0·54	*	*	*	*
	Fort Augustus ℌ	46	21	40·0	28·0	34·0	− 4·2	0	56	6	1·45	+ 0·38	2·3	− 6·1	4	− 10
1. SCOTLAND, E.	Nairn	45	24	39·1	29·0	34·1	− 3·5	0	55	6	0·86	+ 0·46	*	*	*	*
	Aberdeen	46	25	41·0	30·4	35·7	− 2·3	0	44	6	0·55	+ 0·01	16·6	+ 0·2	27	0
	Balmoral ℌ	43	14	38·0	24·5	31·3	− 3·2	0	75	6	1·38	+ 0·71	*	*	*	*
	Clathick ℌ	50	22	41·8	27·8	34·8	− 2·9	0	50	5	0·93	+ 0·07	*	*	*	*
	†Leith (Edinburgh) ℌ	49	28	44·3	32·1	38·2	− 1·4	6	36	5	0·28	− 0·10	23·9	+ 11·8	39	+ 19
	Marchmont ℌ	45	23	?41·3	27·6	?34·5	− 2·6	0	53	2	0·41	− 0·15	19·8	+ 5·3	32	+ 9
2. ENGLAND, N.E. — Northern part.	†Alnwick Castle (Cockle Park)	49	28	43·6	31·7	37·7	− 0·6	4	38	5	0·54	+ 0·01	27·1	—	44	—
	†Shields (Newcastle)	47	27	43·3	29·6	36·5	− 2·5	4	45	4	0·30	− 0·08	15·1	+ 4·6	24	+ 8
	Durham	46	27	42·7	29·8	36·3	− 1·4	2	44	2	0·25	− 0·13	24·9	+ 10·2	40	+ 16
	Scarborough ℳ	48	29	43·6	32·9	38·3	− 0·7	4	33	6	0·31	− 0·13	23·6	—	38	—
	York	47	29	42·7	30·9	36·8	− 1·9	2	39	5	0·39	− 0·01	20·7	+ 8·5	33	+ 14
2. ENGLAND, N.E. — Southern part.	†Spurn Head (Skegness)	46	32	41·6	33·1	37·4	− 1·5	0	32	5	0·32	+ 0·02	29·9	—	47	—
	Lincoln	49	28	43·5	29·8	36·7	− 1·5	4	44	6	0·27	− 0·11	*	*	*	*
	†Fulbeck (Rauceby)	49	26	42·1	29·0	35·6	− 2·2	0	46	4	0·20	− 0·20	28·6	—	45	—
3. ENGLAND, E. — Northern part.	Hillington ℳ	46	25	41·5	29·6	35·6	− 2·5	0	45	5	0·59	+ 0·15	22·5	+ 6·5	35	+ 10
	†Yarmouth (Lowestoft)	45	28	40·6	32·9	36·8	− 1·3	0	36	5	0·78	+ 0·42	19·4	—	30	—
	Geldeston	46	28	42·4	31·2	36·8	− 2·0	1	38	6	0·48	+ 0·14	19·8	+ 3·1	31	+ 5
3. ENGLAND, E. — Southern part.	Cambridge	49	26	42·4	29·8	36·1	− 2·5	1	43	5	0·56	+ 0·22	25·8	+ 9·4	40	+ 15
	Felixstowe	44	30	42·2	31·9	37·1	− 2·0	1	36	4	0·56	—	28·9	—	45	—
	Clacton-on-Sea	45	30	41·7	31·9	36·8	− 2·5	0	36	4	0·37	—	28·1	—	43	—
	Rothamsted	47	25	42·4	29·6	36·0	− 2·2	1	44	5	0·68	+ 0·21	29·6	+ 14·2	46	+ 22
	†Shoeburyness (Southend)	46	30	42·6	32·1	37·4	− 2·1	2	35	4	0·33	+ 0·33	25·6	—	39	—
	London, Westminster	50	31	43·3	32·9	38·1	− 2·0	4	33	5	0·40	—	13·8	+ 6·3	21	+ 10
4. MIDLAND COUNTIES. — Eastern part.	Harrogate	45	28	42·3	30·4	36·4	− 1·1	1	41	4	0·59	+ 0·07	23·8	—	38	—
	†Bawtry (Worksop)	49	30	43·7	34·0	38·9	+ 0·3	5	30	5	0·28	− 0·12	24·5	+ 12·0	38	+ 19
	Nottingham	49	22	42·9	29·6	36·3	− 2·3	3	44	4	0·41	+ 0·01	21·8	—	34	—
	†Colly Weston (Oundle)	49	23	42·6	28·3	35·5	− 2·9	2	49	5	0·40	+ 0·03	26·8	—	42	—
	Birmingham, Edgbaston	48	28	40·3	30·2	35·3	− 3·3	0	47	3	0·53	+ 0·09	15·8	—	25	—
	Oxford	50	23	43·9	29·0	36·5	− 2·9	5	47	3	0·43	0·00	24·4	+ 9·4	38	+ 14
4. MIDLAND COUNTIES. — Western part.	Cheadle ℳ	46	25	40·5	28·1	34·3	− 3·1	0	54	4	0·78	+ 0·22	*	*	*	*
	Shrewsbury	52	26	45·0	30·5	37·8	− 1·8	8	43	3	0·45	—	*	*	*	*
	Hereford ℳ	52	26	44·8	30·0	37·4	− 2·1	8	44	4	0·33	− 0·19	*	*	*	*
	Cirencester	49	19	43·2	28·5	35·9	− 2·3	3	48	4	0·37	− 0·20	29·3	+ 13·2	45	+ 29
	Bath	51	22	45·1	28·4	36·8	− 3·4	9	50	2	0·52	− 0·02	29·1	—	45	—
5. ENGLAND, S.	†London, Brixton (Kew)	49	31	42·7	32·3	37·5	− 2·4	2	34	4	0·32	− 0·08	27·3	+ 14·6	42	+ 23
	Wisley, Surrey	49	27	43·2	31·3	37·3	− 1·5	3	39	5	0·36	—	21·6	—	33	—
	Swarraton ℳ	47	21	42·5	28·2	35·4	− 2·9	1	49	5	0·54	− 0·06	*	*	*	*
	Tunbridge Wells ℳ	46	29	41·3	30·2	35·8	− 2·8	0	43	4	0·64	+ 0·09	22·4	+ 7·4	35	+ 11
	†Dungeness (Littlestone)	47	29	43·6	31·9	37·8	− 2·0	4	37	4	0·52	+ 0·18	21·1	—	32	—
	Hastings	47	30	41·0	32·1	36·6	− 3·3	0	38	4	0·37	− 0·15	29·4	+ 10·5	45	+ 16
	Southampton	49	27	44·2	31·7	38·0	− 2·8	6	38	4	0·49	− 0·07	31·0	+ 14·0	47	+ 21
	†Portland Bill (Bournemouth)	49	30	44·7	33·1	38·9	− 2·6	8	33	4	0·27	—	34·8	—	53	—
6. SCOTLAND, W.	Laudale, Loch Sunart	48	26	43·5	31·4	37·5	− 2·3	4	39	7	1·50	− 0·22	*	*	*	*
	Glasgow ℌ	45	27	41·6	31·0	36·3	− 2·7	0	40	4	0·73	0·00	16·9	+ 7·6	28	+ 13
	Cally ℌ	46	14	41·6	28·2	34·9	− 3·9	0	50	6	0·99	− 0·05	*	*	*	*
	‡Aspatria	45	24	41·7	30·0	35·9	− 2·1	0	43	5	0·95	+ 0·38	22·3	—	35	—
	Douglas, Isle of Man	46	25	44·3	31·4	37·9	− 2·7	6	39	6	1·38	+ 0·56	24·2	+ 8·8	38	+ 14
7. ENGLAND, N.W.	‡Aspatria	45	24	41·7	30·0	35·9	− 2·1	0	43	5	0·95	+ 0·38	22·3	—	35	—
	Newton Rigg	46	23	41·4	27·9	34·7	− 2·3	0	51	5	1·17	+ 0·37	24·5	+ 11·0	39	+ 18
	Stonyhurst	43	26	40·2	30·0	35·1	− 3·4	0	48	5	1·65	+ 0·81	22·9	+ 10·1	36	+ 16
	Blackpool ℳ	46	25	41·8	31·4	36·6	− 2·5	0	38	5	1·32	+ 0·75	27·8	+ 14·0	43	+ 22
	Manchester, Prestwich	45	28	40·7	30·1	35·4	− 3·1	0	46	5	1·48	+ 0·89	17·2	+ 8·6	27	+ 13
	†Liverpool Obs. (Hoylake)	49	30	43·7	33·4	38·6	− 1·2	5	32	5	0·54	+ 0·10	25·3	—	40	—
	Hawarden Bridge	?49	28	?44·2	?32·4	?38·3	− 2·4	6	35	?3	?0·47	+ 0·11	*	*	*	*
7. NORTH WALES	Llandudno ℳ	48	32	44·3	34·7	39·5	− 2·1	6	27	5	1·11	+ 0·57	22·0	+ 6·2	34	+ 10
	Holyhead	47	30	44·6	34·9	39·8	− 1·9	7	27	5	1·02	+ 0·39	*	*	*	*
	Bettws-y-Coed	47	25	44·3	31·6	38·0	− 3·2	6	38	5	2·56	—	16·6	—	26	—
8. SOUTH WALES	Llangammarch Wells	46	20	42·9	27·0	35·0	− 3·7	3	53	5	1·46	—	19·2	—	30	—
	Pembroke	48	31	45·7	36·1	40·9	− 1·5	10	23	5	0·59	− 0·09	22·9	+ 5·9	35	+ 9
	Cardiff	49	24	45·0	29·6	37·3	− 3·3	8	46	4	0·85	+ 0·04	*	*	*	*
8. ENGLAND, S.W.	Clifton	49	27	43·6	31·1	37·4	− 2·9	4	40	3	0·87	+ 0·25	*	*	*	*
	†Shaftesbury (Marlborough) ℳ	49	28	42·4	29·8	36·1	− 2·0	1	43	3	0·19	− 0·42	17·0	+ 3·4	26	+ 5
	Arlington, N. Devon	47	27	43·9	30·7	37·3	− 3·1	5	41	5	1·26	+ 0·27	*	*	*	*
	Cullompton ℳ	50	24	45·8	31·4	38·6	− 2·2	11	40	4	0·77	+ 0·04	28·8	+ 13·5	44	+ 29
	Plymouth	49	30	44·9	34·6	39·8	− 2·8	8	28	5	0·40	− 0·33	26·9	+ 9·4	41	+ 14
	Falmouth	49	33	45·1	36·9	41·0	− 2·6	9	20	5	0·70	− 0·27	28·1	+ 9·5	43	+ 14
9 IRELAND, N. — Western part.	Malin Head	45	30	43·3	34·4	38·9	− 2·6	4	28	6	0·93	+ 0·39	*	*	*	*
	Edenfel	46	29	43·1	32·1	37·6	− 1·1	3	35	6	0·75	+ 0·07	*	*	*	*
	Blacksod Point	48	32	46·3	37·9	42·1	− 0·8	18	11	7	1·31	+ 0·36	*	*	*	*
	Markree Castle	48	28	44·5	33·6	39·1	− 1·2	7	32	6	1·46	+ 0·69	12·2	− 1·6	19	− 3
9 IRELAND, N. — Eastern part.	Armagh	47	26	42·6	32·1	37·4	− 2·4	2	35	5	0·69	+ 0·13	16·4	+ 2·4	26	+ 4
	Donaghadee	46	29	44·1	32·3	38·2	− 2·7	6	35	6	0·63	+ 0·07	*	*	*	*
10. IRELAND, S. — Eastern part.	†Dublin, City (Phœnix Park)	49	30	44·6	34·3	39·5	− 2·6	7	29	6	0·58	+ 0·08	15·6	− 1·1	24	− 2
	Kilkenny	48	27	45·4	32·7	39·1	− 2·2	10	35	5	0·70	+ 0·04	*	*	*	*
	Waterford	50	28	46·0	33·9	40·0	− 1·7	11	32	4	0·23	− 0·63	*	*	*	*
10. IRELAND, S. — Western part.	Birr Castle	48	28	45·7	33·1	39·4	− 1·1	10	34	6	1·05	+ 0·49	14·6	− 0·4	23	− 1
	Foynes	49	29	46·5	36·5	41·5	− 0·9	13	22	6	1·02	+ 0·25	*	*	*	*
	Killarney	51	30	47·6	35·1	41·4	− 1·9	16	28	6	1·15	− 0·15	*	*	*	*
	Valencia	50	34	48·6	38·3	43·5	− 1·3	26	10	6	1·06	− 0·21	10·5	− 5·9	16	− 9
	†Roches Point (Ballinacurra)	50	31	46·7	36·1	41·4	− 2·3	13	24	5	0·32	− 0·73	14·0	—	22	—
11. CHANNEL ISLANDS	Scilly, St. Mary's	?52	36	48·3	38·9	43·6	− 2·0	24	9	3	0·36	− 0·34	20·9	+ 1·4	32	+ 2
	†Jersey, St. Aubins (St. Heliers)	52	32	46·6	35·4	41·0	− 1·9	13	26	5	0·42	− 0·22	36·7	+ 16·1	55	+ 24
	Guernsey	48	36	45·2	37·3	41·3	− 2·1	9	19	6	9·39	− 0·32	32·4	+ 13·4	48	+ 20

Information for Stations marked ℳ is supplied by the Royal Meteorological Society, and that for Stations marked ℌ is supplied by the Scottish Meteorological Society.

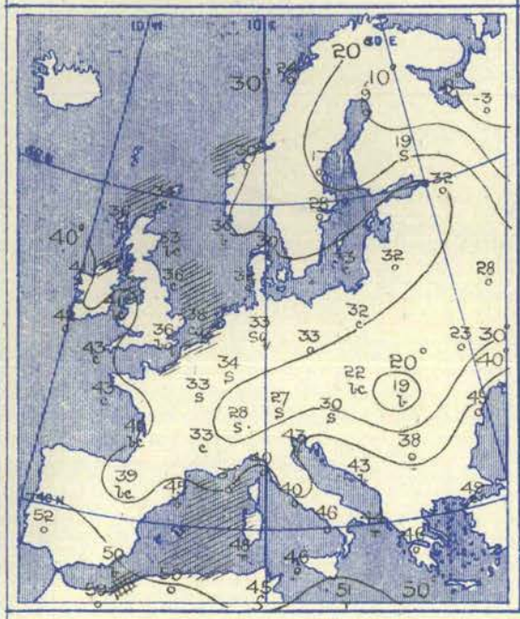
* An Asterisk is inserted in all places for which the information is not usually given.

† There is no Sunshine Recorder in use at this Station. The figures entered for Sunshine are those recorded at a neighbouring Station of which the name is given in brackets.

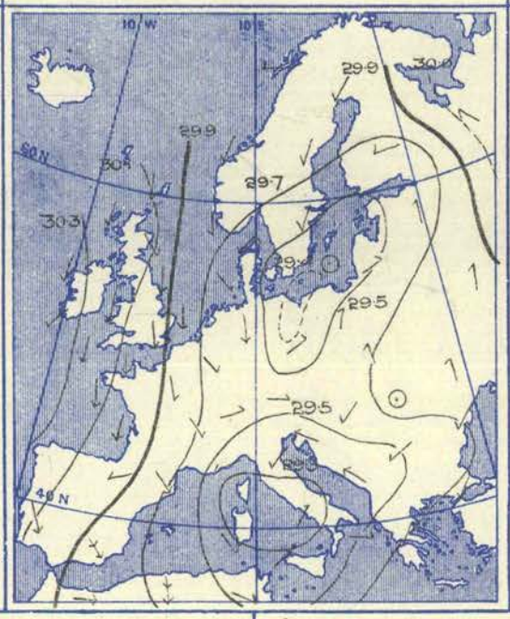
‡ This station is included in two districts to facilitate the compilation of values for the Agricultural divisions of the country adopted by the Board of Agriculture as well as the Forecast districts of the Meteorological Office.

Sunday, 4th February, 1906.

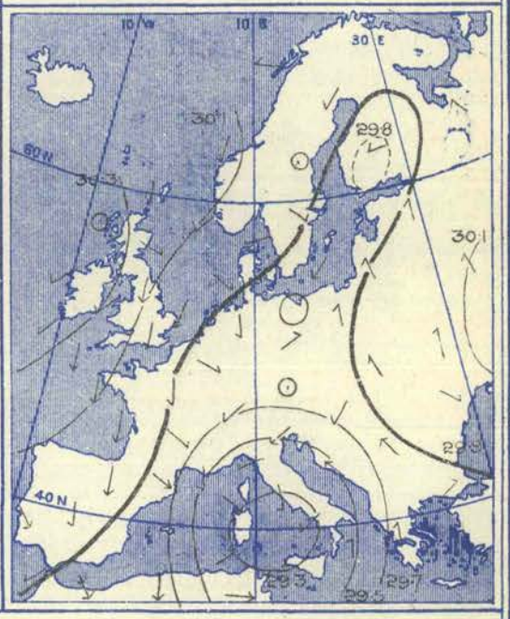
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine and bright in several parts of the United Kingdom, the west of France, and the Spanish Peninsula; cloudy or dull over our area generally, with rain on various shores of the Mediterranean, and snow in Finland, North Germany, Belgium, and the east and north-east of France. Showers of hail or rain reported at a few of our own stations. Very heavy rain falling later in many places in the extreme south of our area, as much as 1·0 in. at Algiers, 1·1 in. at Lesina, and 2·0 ins. at Brindisi. Slight sleet or snow experienced in different parts of our Islands.

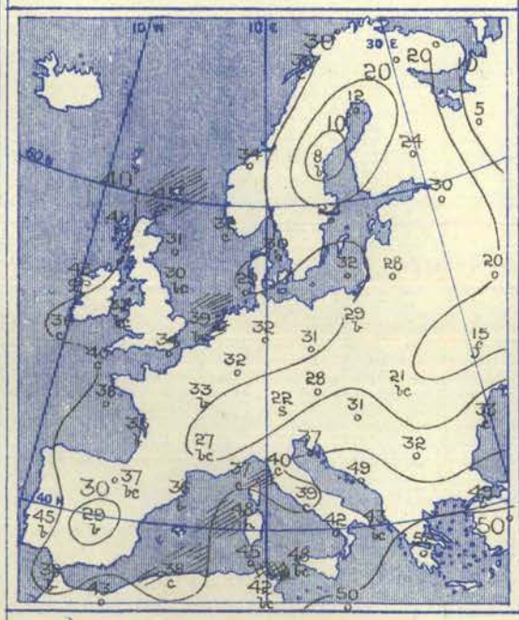
TEMPERATURE fallen as a whole, but risen in Italy and the north of Scandinavia. Readings in morning, 59° at Oran and about 50° at two or three other stations in the extreme south. Below 40° over our area generally, and below 32° in the central and northern regions. Lowest values, 9° at Haparanda and −3° at Archangel. Severe frost continuing all day in the north and north-east, and maxima low in most parts of our area; thermometer rising to 57° at San Fernando, to 59° at Nemours, and to 61° at Sfax.

WIND in morning fresh or strong from the Northward over the United Kingdom, France, and the Bay of Biscay. Two separate cyclonic circulations prevailing elsewhere, one around North Germany and the other over Italy and the Mediterranean. Fresh or strong from various directions in the latter region, and blowing a gale from North-West or North at Alicante and Algiers. Little change later except some decrease in force over these Islands and their neighbourhood.

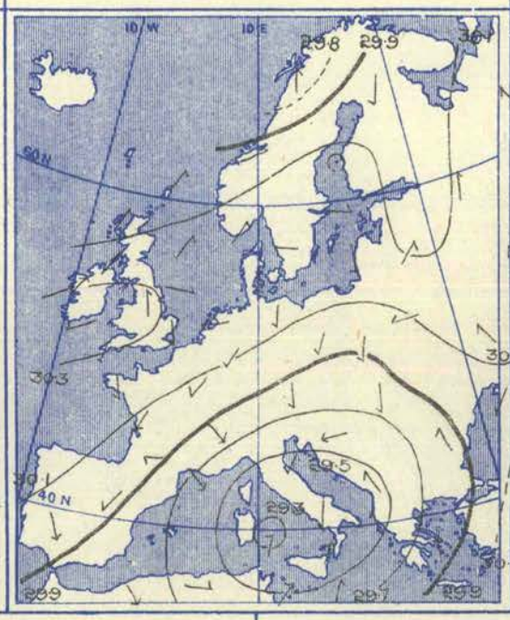
BAROMETER at 8 a.m. ranging from 30·3 ins. and above over the greater part of Ireland and the adjacent portion of the Atlantic, to below 29·4 ins. in a depression centred near Swinemünde, and to less than 29·3 ins. in another system having its centre over the Gulf of Tuscany. Gradients moderate to rather steep generally, but very steep over the south-east of France. Latter depression changing very little by evening, but that over Germany becoming much less deep. Barometer rising steadily over Great Britain and quickly over Scandinavia and Germany.

Monday, 5th February, 1906.

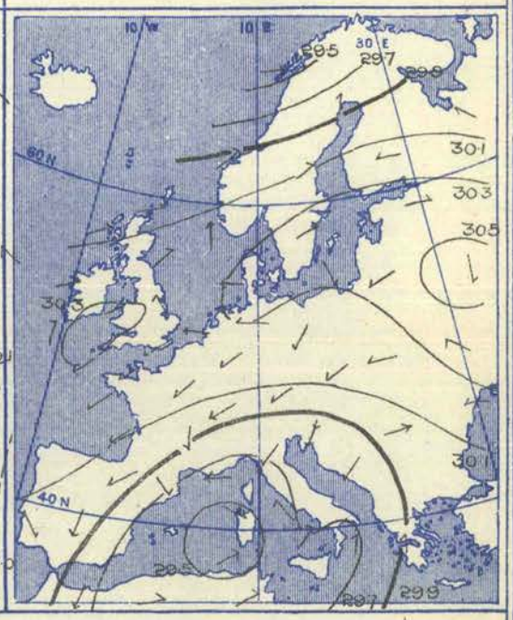
Temperature and Weather 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fair or fine over the greater part of our Islands and their immediate vicinity, and also on the coast of North Germany. Cloudy or overcast elsewhere, with snow at Limoges. Slight falls of snow or sleet occurring later in different parts of our Islands, and heavy rain in the extreme south of Europe and in Algeria—largest measurements, 1·2 in. at Algiers, and 1·6 in. at Rome.

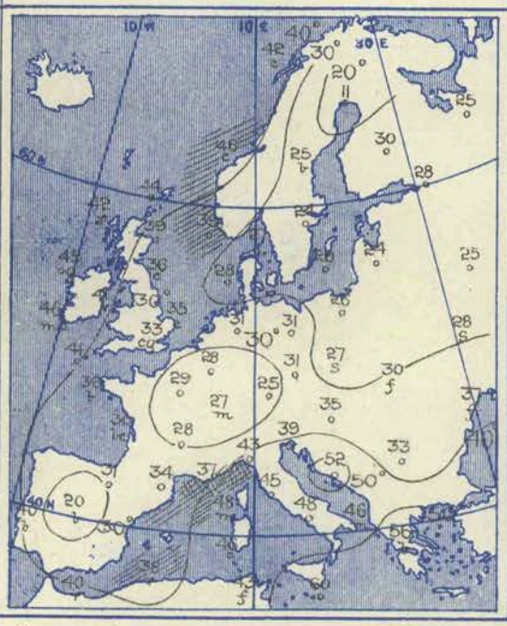
TEMPERATURE fallen in most regions. Morning readings all below 40° except those in Greece and at Malta. As low as 28° at Aumale, and below 32° over the greater portion of Europe. Lowest values, 18° at Karlstad, 8° at Hernösand, and 5° at Archangel. Lowest figure in our Islands, 30° at North Shields. Maxima during day below 32° in many parts of central and northern Europe, and only 30° at Aumale. Thermometer rising no higher than 46° at Nemours and 48° at Algiers, but touching 50° at a few other stations on the shores of the Mediterranean, and recording 61° at Athens.

WIND in morning light or moderate from the South-Westward in the extreme north-west of our area and moderate to fresh from the North-Eastward over the Baltic, Denmark, and the southern counties of England. A complete cyclonic circulation shown over the Mediterranean, the wind blowing with considerable force in places. Scarcely any change later.

BAROMETER at 8 a.m. above 30·3 ins. to 30·2 ins. in a large high pressure band extending from the Atlantic across Ireland to the Gulf of Bothnia. Below 29·8 ins. off the north-west of Norway, and less than 29·3 ins. in a depression having its centre over Sardinia. Gradients steepest over the north of Italy and the south-east of France. Pressure decreasing somewhat over our Islands during day and rising in Russia. Becoming highest in the central regions of the latter country. Depression in south decreasing in depth

Tuesday, 6th February, 1906.

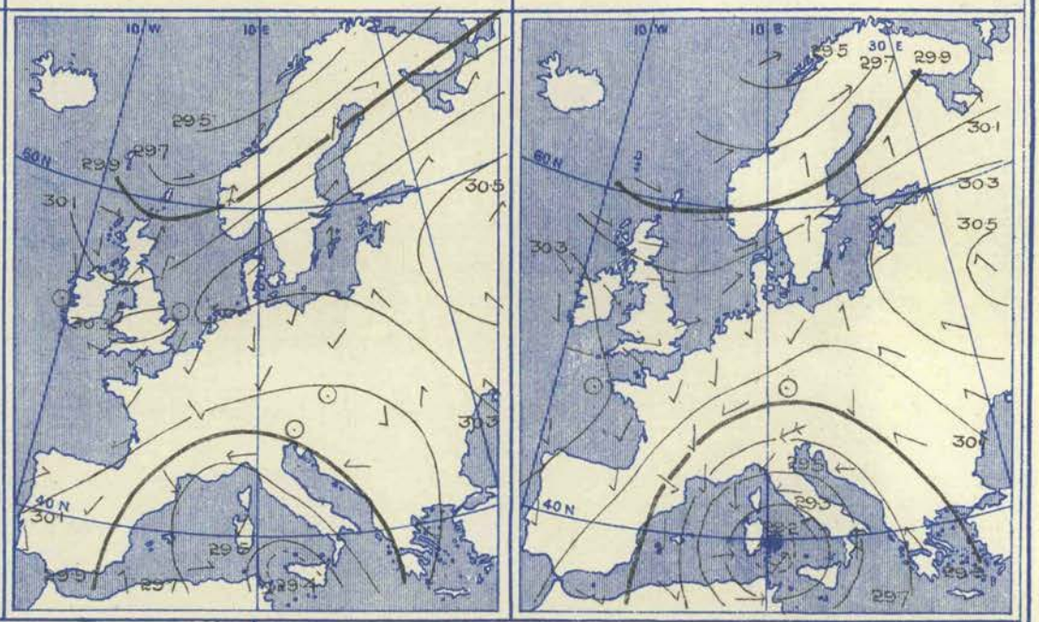
Temperature and Weather. 8 a.m.



WEATHER at 8 a.m. fair or fine, with local fogs, over England, and fine and bright over the Spanish Peninsula; cloudy or overcast in almost all other regions, with rain at Stornoway and in the south-west of Ireland, as well as at Cape Sicié, and snow at Kieff, Cracow, and Turin. Rain also falling on the coast of Algeria and snow at Aumale. Heavy rain experienced later in different parts of the Mediterranean region, 1·1 in. at Oran and 1·5 in. at Palermo.

TEMPERATURE changed rather irregularly; fallen in England, France, and the Spanish Peninsula. Morning readings as high as 60° at Malta and 56° at Athens, but below 50° at every other southern station, and less than 40° in places. Thermometer standing at 20° at Madrid and 30° at Aumale. Below 32° over the major portion of our area, and 25° or below in central England. Lowest readings, 18° at Memel and 11° at Haparanda. Maxima during day below the freezing point in various Continental localities, and only 41° at Perpignan and Oran, but as high as 63° at Athens, 61° at Malta, and about 50° at several of our own western and northern stations.

Barometer and Wind. 8 a.m. 6 p.m.

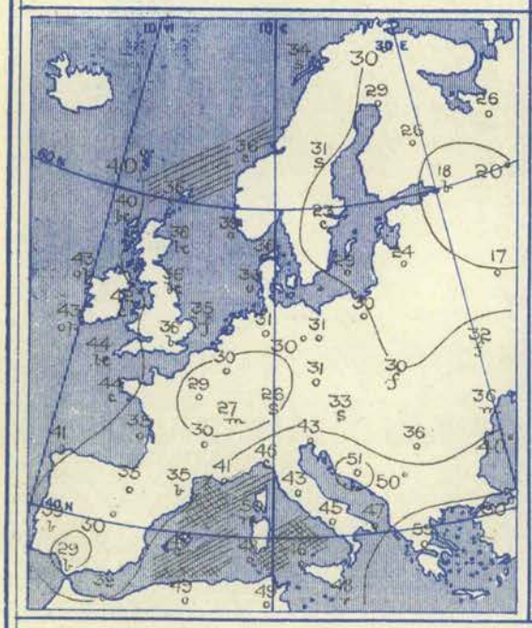


WIND at 8 a.m. North-Westerly to South-Westerly over Ireland, Scotland, and Scandinavia, and blowing with the force of a gale in Norway. A cyclonic circulation of strong winds prevailing over the Mediterranean region, and light anticyclonic airs over Russia, central Europe, and the greater part of England. Wind increasing to a gale later at Palermo, Brindisi, and Trieste.

BAROMETER in morning above 30·5 ins. over central Russia, and relatively high in a long band extending thence across Denmark and England to the Atlantic. Below 29·5 ins. in a depression off the north-west of Norway, and below 29·4 ins. in another system having its centre between Malta and Tunis. Latter disturbance moving northwards during day and increasing in depth, but the former travelling away north-eastwards. Pressure increasing over Scotland, Ireland, and France, and gradients increasing considerably over the Mediterranean and the surrounding regions.

Wednesday, 7th February, 1906.

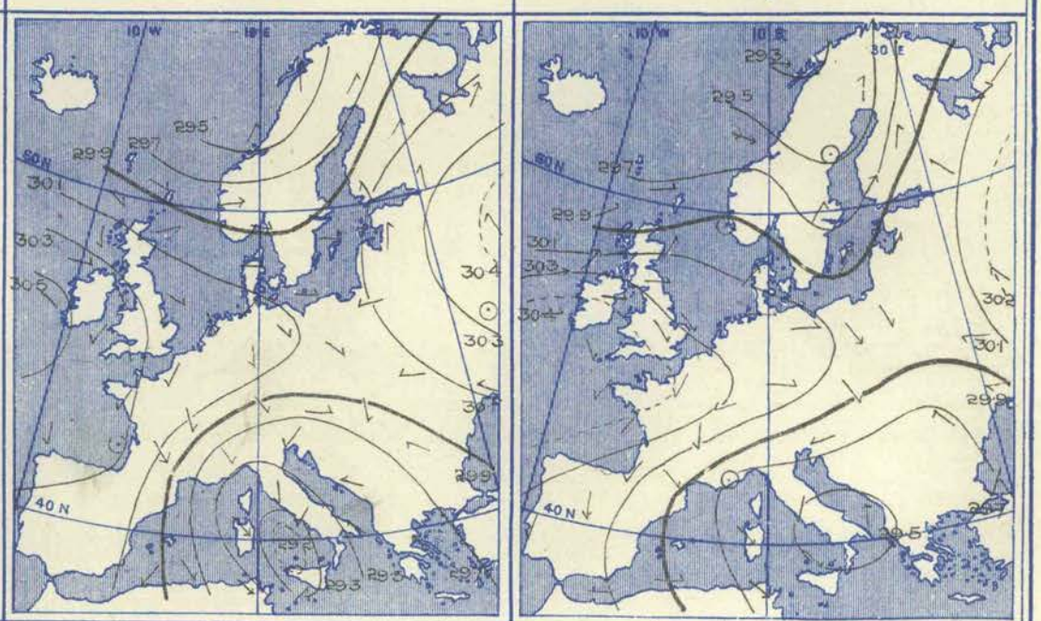
Temperature and Weather. 8 a.m.



WEATHER at 8 a.m. cloudy or dull except over the Spanish Peninsula and at a few of our own stations. Rain falling at Malta and snow at Munich, Vienna, and in the north of Scandinavia. Showers of rain general in the west of Ireland, and of sleet in the north-east of Scotland. Rain falling later at most of our own western and northern stations and on various shores of the Mediterranean, and rain or snow in the far north of Europe.

TEMPERATURE risen in most localities, but changed somewhat irregularly. Readings in morning, 59° at Athens and 51° at Lesina; below 50° in all other places. Below 32° in most central and northern regions; lowest values, 18° at St. Petersburg and 17° at Moscow. Rising during day to 64° at Constantinople and to above 50° at a few of the other southern stations. Maxima below 32° at several stations in the central and northern regions, but above 45° in most parts of these Islands.

Barometer and Wind. 8 a.m. 6 p.m.

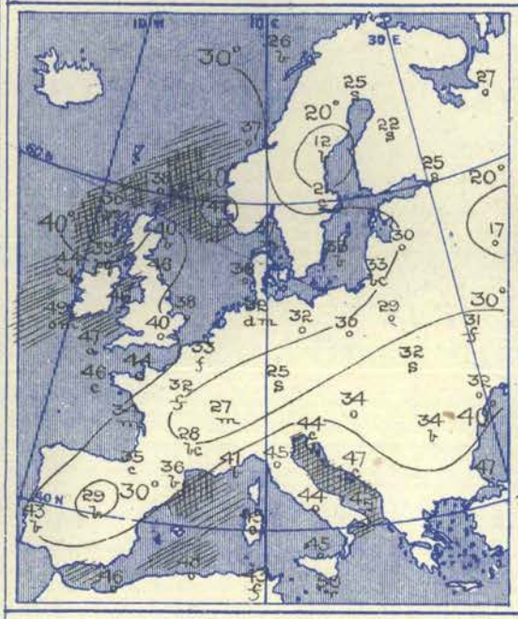


WIND in morning showing a complete circulation of fresh to strong winds over the Mediterranean and southern Europe, and moderate to strong breezes between South-West and West over the most northern countries. Light or moderate winds, mainly from the North-Westward, prevailing over the United Kingdom and the North Sea. Backing to West or South-West in Ireland and Scotland during day, but no great change over our area generally.

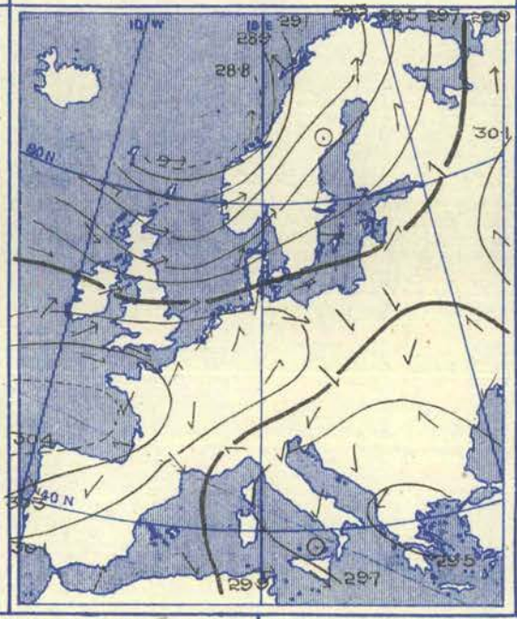
BAROMETER at 8 a.m. 30·5 ins. and above off the south-west of Ireland and 30·4 ins. over the central parts of Russia; decreasing to 29·5 ins. and less in a depression off the north-west of Norway, and to less than 29·2 ins. in a deep disturbance having its minimum near Palermo. Gradients unusually steep over the north of Italy and the adjacent portion of France. Mediterranean disturbance becoming less deep by evening, and gradients decreasing in its immediate neighbourhood. A fresh and rather decided fall of the mercury setting in on our north and north-west coasts.

Thursday, 8th February, 1906.

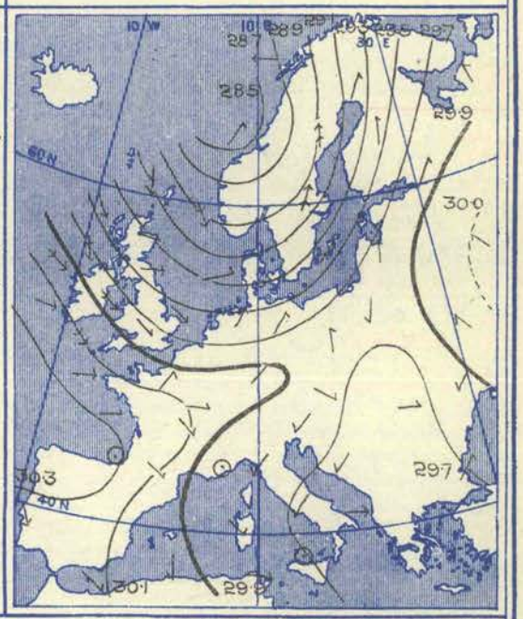
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine and bright in the Spanish Peninsula and the Riviera, but dull nearly everywhere else, with rain at Malta and Brindisi and in the south of England and Ireland, and snow in the north of Scotland and in many of the central and northern regions of the Continent. Squalls of rain, hail, sleet, or snow experienced later at nearly all our own stations, and a thunderstorm occurring over the Midlands and south and south-east of England during the afternoon. Sleet or snow general over the western and north-western countries of the Continent, and heavy rain in Sicily and Algeria.

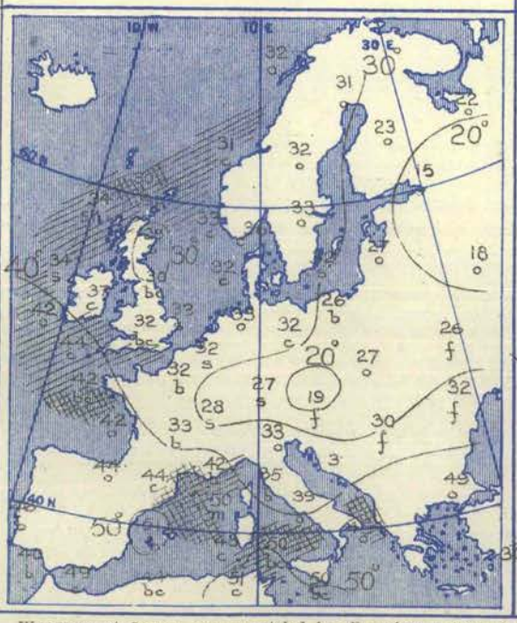
TEMPERATURE changed rather irregularly, but risen at most stations. Readings in morning all below 50° except at Malta. Below 32° in nearly all parts of the Continent, and only a little above it in the north of Scotland. Lowest readings, 17° at Moscow and 12° at Hernösand. Rising during day to 57° at Sfax and Nemours, and to 56° at Palermo. Maxima below 50° over our area generally, and below 40° in many regions. Frost continuing all day in Russia, the north of Norway, and at some German stations.

WIND in morning blowing a whole gale from West in the Shetlands, a strong gale from North-West at Malin Head, a gale from the Westward over the United Kingdom generally, and a fresh to strong gale from South-West or South in Norway. Strong winds or moderate gales between North-West and North-East prevailing over the region of the Mediterranean. Veering to North-West or North over these Islands and their neighbourhood by evening, and continuing strong to a gale in force. Southerly gale extending to the Baltic and Gulf of Bothnia.

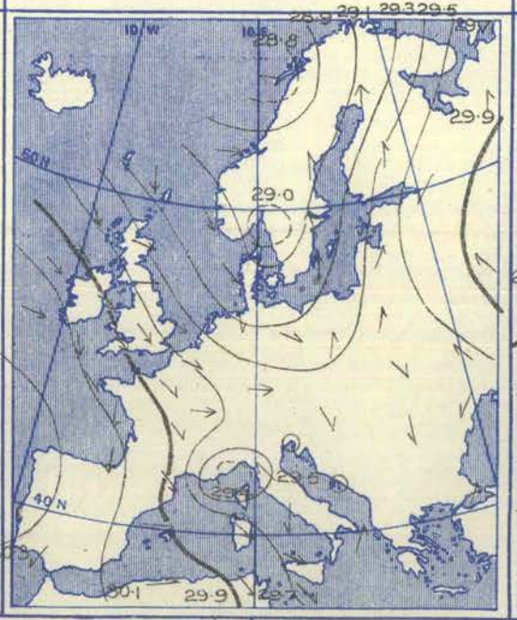
BAROMETER in morning above 30·4 ins. in the north of Spain and above 30·1 ins. over central Russia. Below 29·5 ins. in a depression centred over the Balkan Peninsula, and as low as 28·7 ins. in a very large and deep disturbance having its centre off the west of Norway. Gradients very steep over all the north-western countries. Northern depression moving eastwards later, and some local irregularities in pressure appearing over the United Kingdom. Barometer rising decidedly on our north and north-west coasts.

Friday, 9th February, 1906.

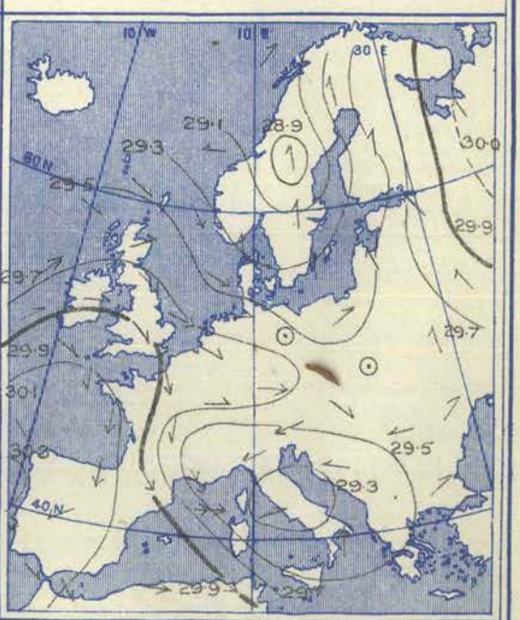
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. very unsettled in all regions except the south-west of the Spanish Peninsula. Squalls of snow, sleet or hail very general over the United Kingdom and the nearer parts of the Continent, as well as at Munich and on the shores of the Baltic and at Christiansund. Rainy at Bilbao. Heavy rain experienced later at several Mediterranean stations, and various amounts of rain, sleet, or snow over our Islands.

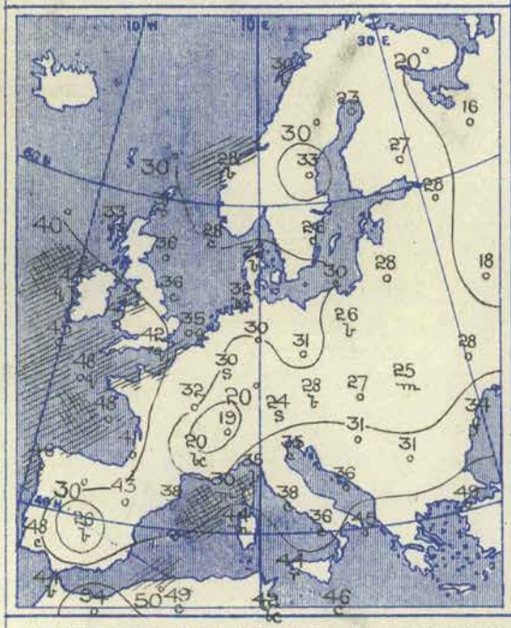
TEMPERATURE at 8 a.m. showing a decided decrease in almost all parts of our area. Ranging from about 50° at a few stations in the extreme south, to below 32° generally, and to below 20° in places. Lowest reading, 15° at St. Petersburg. Thermometer rising to 61° in Algiers later, and to 55° or 56° at some stations in the south of Europe, but maxima low as a whole. Only a little above the freezing point at some of our own stations, and below it in various localities on the Continent.

WIND in morning strong to a strong gale from the North-Westward over the United Kingdom and its immediate neighbourhood; moderating and drawing into West over Germany, and blowing freshly or strongly from the Southward over the Gulfs of Finland and Bothnia. A separate circulation of strong winds prevailing over the western half of the Mediterranean. Gales subsiding later over our Islands, but wind backing quickly towards South in Ireland and again increasing in force. Some increase in strength also taking place in the extreme south-east of France.

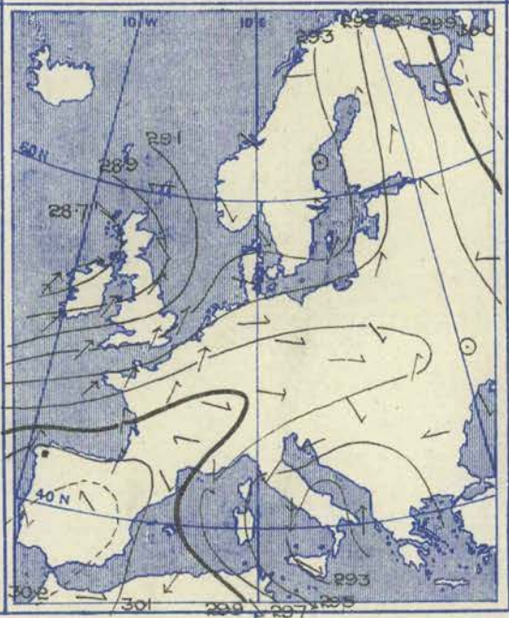
BAROMETER at 8 a.m. ranging from 30·4 ins. at Oporto and nearly 30·0 ins. at Moscow, to about 29·4 ins. in a small minimum near Nice, to below 29·0 ins. in a depression centred over the south of Scandinavia, and to less than 28·8 ins. in another disturbance further north. Cyclonic systems all travelling north-eastwards or eastwards during day, but a fresh fall of the barometer occurring in the west by the afternoon and proving very rapid during the ensuing evening and night. Gradients increasing over the Gulf of Lions and its vicinity.

Saturday, 10th February, 1906.

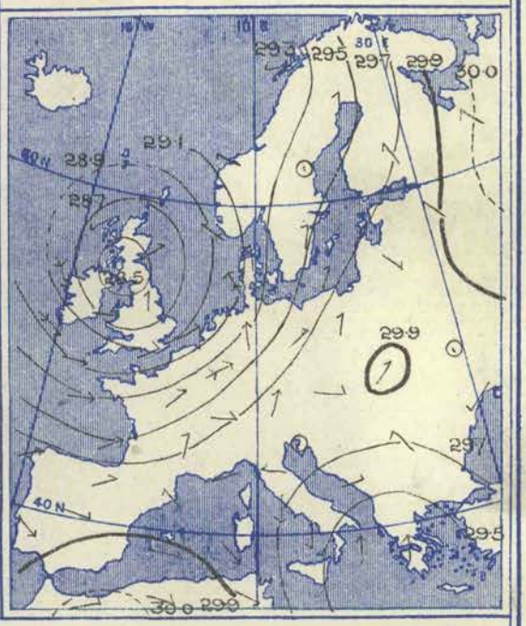
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine and bright in a few places locally, but dull and unsettled generally, with squalls and rain over the United Kingdom, and snow at Limoges, Brussels, and in several parts of central Europe, as well as at Uleaborg. A considerable or large amount of rain, hail, sleet, or snow in most parts of our area later; 1·3 in. at Stornoway and Wick, 0·8 in. at Cette, 0·7 in. at Biarritz and Helsingsfors, and about 0·5 in. in various other districts.

TEMPERATURE risen decidedly in our Islands, fallen generally elsewhere. Readings in morning ranging from 54° in the west of Algeria to 33° in the north of Scotland, and to below 32° over Europe as a whole. Lowest values, 19° at Belfort, 18° at Moscow, and 16° at Archangel. Rising during day to about 50° in the south of England and the west of France, to above 55° at some Spanish stations and at Athens, and to above 60° at Oran and Nemours. Maxima below 50° throughout Italy, and only about 32° in many parts of central Europe.

WIND at 8 a.m. strong to a gale from the South-Westward over the Bay of Biscay, Ireland, and England, and moderate from the South-Eastward in Scotland. A separate circulation shown over Italy and its neighbourhood, the Northerly current blowing a strong breeze or a slight gale in many places. Wind veering towards North in Ireland by evening and increasing to a whole gale at Blacksod Point. Increasing to a gale from the South-Eastward on the eastern shores of the North Sea.

BAROMETER in morning above 30·2 ins. over the greater portion of the Spanish Peninsula, and relatively high in a ridge extending thence to central Europe. Below 29·4 ins. in a depression having its centre over the southern half of Italy, and below 28·7 ins. in a very deep system with its minimum off the west coast of Scotland. Gradients very steep or steep over the United Kingdom, France, and certain parts of the Mediterranean. Northern disturbance moving eastwards during day, its centre at 6 p.m. being shown near Glasgow. Pressure giving way briskly over the Iberian Peninsula and the barometer becoming highest over Morocco and the adjacent portion of Algeria.

IV.—BRIGHT SUNSHINE Values for the Week, in addition to those on page 32.

	STATIONS.	No. of Hours recorded.	Difference from the Mean for the Week.	Percentage of Possible Duration	Difference from the Mean for the Week.
1.	Crathes	16·7	—	27	—
	Balruddery	20·3	—	33	—
2.	Saltburn-by-the-Sea	? 19·0	—	? 30	—
3.	Cromer	21·2	—	33	—
	Dunmow	23·5	—	36	—
	London, Bunhill Row	8·4	+ 2·0	18	+ 3
4.	Sheffield	23·0	—	36	—
5.	Margate	14·3	- 1·7	22	- 3
	Ramsgate	21·1	—	33	—
	Eastbourne	27·2	+ 9·9	41	+ 15
	Brighton	32·0	+ 14·5	49	+ 22
	Worthing	32·4	—	49	—
	Bognor	35·7	—	54	—
	Ventnor Hospital	34·8	+ 16·5	53	+ 25
7.	Southport	26·5	—	41	—
	Rhyl	24·6	—	38	—
	Aberdovey	22·9	—	36	—
8.	Aberystwyth	22·8	—	36	—
	Tenby	25·5	+ 7·8	39	+ 12
	Torquay	35·8	+ 18·3	54	+ 28
	Newquay	22·3	+ 4·5	34	+ 7

V.—OBSERVATIONS IN THE UPPER AIR.—Temperature, Humidity and Wind Velocity.

Date of Observation.	Station and its Height above M.S.L.		Heights in feet above Mean Sea Level. Ground Level.	1,660.	3,320.	5,000.	6,660.	8,320.	10,000.	Remarks.
1906. February 5th 10.50 a.m.—12.30 p.m.	Oxshott, 200 ft.	Temperature F.	36°	21°	24°	17°				One kite. Wire 7,300 ft. Max. height 5,500 ft. Lowest temp. 16°. Cloud levels at 1,300 ft. and at 4,500 ft. Observed velocity of upper clouds 28 m. per hour. Sky clear at 10.0 a.m., and again at 1.30 p.m.
		Humidity	90	100	75	100				
		Wind Velocity, m. per hr.	N, 10	NNE. 20–35	NNE, 20–35	NNE, 20–35				
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								
February 9th 4.10 p.m.—5.30 p.m.	Ditcham Park, Petersfield, 400 ft.	Temperature F.	34°	27°	20°					One kite. Wire 3,860 ft. Max. height, 3,500 ft. Lowest temp., 19°. Wind, light at surface; strong at 3,000 ft.
		Humidity	60	65	70					
		Wind Velocity, m. per hr.	NW ½ N,—	NW ½ N,—	NW by N,—					
		Temperature F.								
		Humidity								
		Wind velocity, m. per hr.								
February 10th 11.0 a.m.	Oxshott, 200 ft.	Temperature F.	—	—						Meteorograph not sent up. Wind velocity obtained from cloud observation. Cloud level 1,600 ft.
		Humidity	—	—						
		Wind Velocity, m. per hr.	SSW, 24	SSW, 50						

63, Victoria Street, London, S.W.
February 14th, 1906.

W. N. SHAW,
Director.

ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE,

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TWENTY-NINTH YEAR. Vol. XXIII. (New Series.) } No. 7. SEVENTH WEEK, ENDING SATURDAY, FEBRUARY 17TH, 1906. [Price 6d. Annual Subscription post paid £1 10s. 0d.

SUPPLIED

I.—GENERAL REMARKS.

Weather. The general character of the weather was changeable. Several very bright intervals were experienced in almost all districts, but few days passed without a fall of rain or showers of hail, sleet or snow. The snow was heavier and more general in the north than elsewhere. Lightning was observed at Fort William on Wednesday and Thursday, thunder and lightning occurred at Newquay on the former day, and thunder at Swarraton on Friday.

Temperature was again below the average, the deficit being least (1°·1) in England S., and greatest (about 4°·0) in Ireland. The highest of the maxima were recorded late in the week, and ranged from 51° in England S. and the Channel Islands, to 45° in Scotland N. The absolute minima, which were read during the earlier half of the period, were as low as 11° or 12° in Scotland E. and N., at Balmoral and Fort Augustus respectively, but elsewhere varied from 22° in England N.W. and 23° in the Midland Counties, to 27° in Ireland N., and to 32° in the Channel Islands.

Rainfall was in excess of the average over the Kingdom generally, but below it in Scotland E. and England N.E. In Scotland W. and England N.W. the amount for the week agreed very closely with the normal. The excess was greatest in the south and south-west of England and the Channel Islands.

Bright Sunshine exceeded the mean in all districts except England N.E. and the Channel Islands, the excess in most instances being large. The percentage of the possible duration ranged from 43 in Ireland S. and 42 in Scotland W., to 29 in the Channel Islands and England N.W., to 26 in England E. and the Midland Counties, and to 23 in England N.E.

Barometer and Wind. At the commencement of the week the centre of a deep depression, which had travelled across Scotland from the Atlantic, lay about midway between Aberdeen and the south-west coast of Norway. The resulting Northerly and North-Westerly winds over the United Kingdom were strong generally, and blew a fresh or strong gale on many parts of our western and southern coasts. This disturbance subsequently dispersed, and during the remainder of the period extensive low pressure systems travelled eastwards over the Atlantic to the northward of Scotland, while secondaries, which sometimes assumed a "V" shape, moved in a similar direction across our Islands. The wind consequently varied between South and West or North-West. At the end of the week one of these secondaries had developed into an elongated disturbance covering the whole of the English Channel and extending to the North Sea. The North-Easterly winds which prevailed at this time over the southern and south-eastern counties of England were accompanied by almost incessant rain.

SUMMARY OF TEMPERATURE, RAINFALL, AND DURATION OF BRIGHT SUNSHINE IN THE UNITED KINGDOM, FOR AGRICULTURAL AND SANITARY PURPOSES.

THE WEEK (6th)—February 11th to February 17th, 1906.

DISTRICTS. (See p. 38.)	Temperature. Highest.	Lowest.	Means of Daily Max.	Daily Min.	Daily Mean.	Difference from Av. (35 Yrs.)	Accumulated. Number of Day-Degrees. Above 42°	Difference from Av. (25 Yrs.)	Below 42°	Difference from Av. (25 Yrs.)	Rainfall. Number of Rain-Days.	Diff. from Av. (35 Yrs.)	Total Fall.	Difference from Average (35 Yrs.)	Sunshine. Hours recorded.	Diff. from Av. (25 Yrs.)	Percentage of Possible Duration.	Diff. from Av. (25 Yrs.)
	°	°	°	°	°	°	Day-deg.	Day-deg.	Day-deg	Day-deg.			Inches.	Inches.			%	%
0. SCOTLAND, NORTH ..	45	12	39·3	29·3	34·3	− 3·5	0	− 7	54	+ 16	6	+ 1	1·15	+0·19	20	+ 6	31	+10
Eastern 1. SCOTLAND, EAST ..	47	11	40·7	29·3	35·0	− 2·6	0	− 9	49	+ 7	3	− 1	0·40	−0·17	25	+10	38	+15
Eastern 2. ENGLAND, N.E. ..	49	25	41·8	31·1	36·5	− 2·3	0	− 9	39	+ 5	5	+ 1	0·34	−0·07	15	− 4	23	− 6
Eastern 3. ENGLAND, EAST ..	50	23	43·1	32·5	37·8	− 1·4	3	− 8	34	− 3	6	+ 2	0·75	+0·37	18	+ 1	26	+ 1
Eastern 4. MIDLAND COUNTIES	50	24	42·4	31·4	36·9	− 2·2	1	−11	37	0	5	+ 1	0·51	+0·03	18	+ 2	26	+ 3
Eastern 5. ENGLAND, SOUTH ..	51	24	44·1	33·7	39·0	− 1·1	6	− 8	31	+ 3	6	+ 2	1·11	+0·62	22	+ 4	31	+ 6
Western 6. SCOTLAND, WEST ..	47	26	41·9	32·5	37·2	− 2·2	0	−10	34	+ 5	5	+ 1	0·95	−0·01	28	+15	42	+22
Western 7. ENGLAND, N.W. ..	49	22	42·0	33·3	37·6	− 2·2	0	−11	31	+ 3	5	+ 1	0·55	−0·02	20	+ 5	29	+ 7
Western 8. ENGLAND, S.W. ..	50	25	43·9	33·8	38·8	− 2·2	5	−12	30	+ 8	6	+ 2	1·40	+0·65	21	+ 5	30	+ 7
Western 9. IRELAND, NORTH ..	48	27	42·2	31·5	36·9	− 4·0	1	−13	37	+ 12	5	0	0·68	+0·03	26	+10	38	+15
Western 10. IRELAND, SOUTH ..	50	25	44·5	32·8	38·7	− 4·1	7	−14	34	+ 15	6	+ 2	0·80	+0·06	29	+12	43	+18
11. CHANNEL ISLANDS..	51	32	46·1	38·5	42·4	− 1·8	18	− 6	10	0	7	+ 3	1·40	+0·73	20	− 2	29	− 3

THE SEASON (**Winter**).—Aggregates, &c., for the Period of 11 Weeks, December 3rd, 1905, to February 17th, 1906.

0. SCOTLAND NORTH ..	55	12	*	*	*	*	82	− 1	299	− 68	62	+ 8	15·11	+2·65	79	− 3	14	− 1
Eastern 1. SCOTLAND, EAST ..	56	11	*	*	*	*	106	+14	296	−135	44	+ 2	6·02	−0·72	135	+18	24	+ 3
Eastern 2. ENGLAND, N.E. ..	56	24	*	*	*	*	103	+ 2	253	−113	37	− 2	3·62	−1·31	140	+10	23	+ 2
Eastern 3. ENGLAND, EAST ..	57	23	*	*	*	*	91	−19	289	−119	42	0	5·71	+0·99	150	+19	24	+ 3
Eastern 4. MIDLAND COUNTIES	57	19	*	*	*	*	107	−17	297	−121	41	+ 1	5·58	−0·04	137	+20	22	+ 3
Eastern 5. ENGLAND, SOUTH ..	57	21	*	*	*	*	162	+10	208	−100	46	+ 5	7·27	+1·05	161	+27	25	+ 4
Western 6. SCOTLAND, WEST ..	54	14	*	*	*	*	126	+ 3	188	−103	55	+ 6	12·45	−0·08	128	+29	22	+ 5
Western 7. ENGLAND, N.W. ..	57	22	*	*	*	*	135	+10	181	−114	46	+ 2	8·13	+0·56	129	+27	21	+ 4
Western 8. ENGLAND, S.W. ..	55	20	*	*	*	*	197	− 5	182	− 40	47	+ 1	11·08	+1·58	153	+18	24	+ 3
Western 9. IRELAND, NORTH ..	54	26	*	*	*	*	173	+16	151	−112	64	+10	10·10	+1·50	129	+13	21	+ 2
Western 10. IRELAND, SOUTH ..	56	25	*	*	*	*	276	+37	119	− 78	57	+ 8	9·47	−1·11	131	−12	21	− 2
11. CHANNEL ISLANDS..	55	27	*	*	*	*	312	+ 1	36	− 46	55	+ 5	7·95	−0·76	182	+16	28	+ 2

THE YEAR.—Aggregates, &c., for the period of 7 Weeks, December 31st, 1905, to February 17th, 1906.

0. SCOTLAND, NORTH ..	52	12	*	*	*	*	18	−32	244	− 6	42	+ 9	11·02	+3·41	59	− 2	16	− 1
Eastern 1. SCOTLAND, EAST ..	56	11	*	*	*	*	36	−23	232	− 54	29	+ 2	4·43	+0·41	100	+14	26	+ 4
Eastern 2. ENGLAND, N.E. ..	56	24	*	*	*	*	48	−12	184	− 59	30	+ 6	3·19	+0·38	100	+ 5	25	+ 1
Eastern 3. ENGLAND, EAST ..	54	23	*	*	*	*	63	− 2	184	− 88	33	+ 7	4·86	+2·11	117	+25	28	+ 6
Eastern 4. MIDLAND COUNTIES	57	19	*	*	*	*	64	−13	202	− 75	31	+ 5	4·91	+1·53	102	+25	25	+ 6
Eastern 5. ENGLAND, SOUTH ..	55	21	*	*	*	*	111	+25	143	− 66	36	+10	6·53	+2·82	130	+34	31	+ 8
Western 6. SCOTLAND, WEST ..	52	14	*	*	*	*	52	−19	157	− 44	37	+ 6	9·04	+1·82	94	+27	24	+ 7
Western 7. ENGLAND, N.W. ..	57	22	*	*	*	*	67	− 3	139	− 62	35	+ 7	7·14	+2·78	84	+10	21	+ 3
Western 8. ENGLAND, S.W. ..	54	20	*	*	*	*	122	+ 5	130	− 25	37	+ 8	9·50	+3·86	110	+22	26	+ 5
Western 9. IRELAND, NORTH ..	54	26	*	*	*	*	81	−14	140	− 37	44	+11	7·23	+2·12	92	+10	23	+ 3
Western 10. IRELAND, SOUTH ..	56	25	*	*	*	*	146	+ 2	112	− 19	41	+10	7·20	+0·78	100	0	24	0
11. CHANNEL ISLANDS..	55	27	*	*	*	*	191	+15	33	− 30	42	+11	6·58	+1·47	132	+18	30	+ 4

Bright Sunshine.—For certain of the Districts the values of Bright Sunshine in this Table are based on the records from a part only of the Stations included in the Tables under II. and IV. For certain of the Stations Mean Values are not available, and for the Districts containing these Stations the "Difference from Average" is based on the records from a smaller number of Stations than those supplying the values for "Hours Recorded."

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II.—DATA from which the SUMMARY on page 37 has been calculated.

February 11-17, 1906.		Temperature. In Degrees Fahrenheit.							Rainfall.			Bright Sunshine.			
Districts.	Names of Stations.	Highest observed.	Lowest observed.	Averages for the Week. Of Highest each day.	Of Lowest each day.	For whole of each day.	Difference of Daily Average from Mean for the Week.	Accumulated Heat for the Week (in Day-degrees). Above 42°	Below 42°	Number of Rain-Days.	Rainfall in the Week.	Difference from the Mean for the Week.	Number of Hours recorded.	Difference from the Mean for the Week.	Percentage of possible duration.	Difference from the Mean for the Week.
		°	°	°	°	°	°	Day-deg	Day-deg		Inches.	Inches.	Hrs.	Hrs.	%	%
0. SCOTLAND, N.	†Sumburgh Head (Deerness)	43	31	40·3	33·3	36·8	- 1·2	0	36	7	0·93	+ 0·29	22·4	+ 8·6	36	+ 14
	Wick	41	27	39·4	30·9	35·2	- 2·8	0	48	4	0·42	- 0·10	*	*	*	*
	†Lairg (Strathpeffer)	45	17	39·0	25·3	32·2	- 3·5	0	69	?5	?1·16	+ 0·43	24·9	+ 9·5	39	+ 15
	Stornoway	41	26	39·1	30·3	34·7	- 4·2	0	51	7	1·63	+ 0·66	19·2	+ 4·2	30	+ 7
	Glencarron	40	20	38·2	28·4	33·3	- 3·6	0	61	5	?1·24	? - 0·55	*	*	*	*
	Fort Augustus	41	12	39·5	27·1	33·3	- 5·0	0	61	5	1·32	+ 0·30	13·9	+ 3·5	21	+ 5
	Fort William	45	21	39·5	29·9	34·7	- 4·5	0	51	7	1·38	—	*	*	*	*
1. SCOTLAND, E.	Nairn	44	21	40·7	27·4	34·1	- 3·7	0	55	3	0·29	- 0·11	*	*	*	*
	Aberdeen	46	29	41·0	32·6	36·8	- 1·2	0	36	4	0·45	- 0·11	28·0	+ 10·0	43	+ 15
	Balmoral	43	11	37·3	26·8	32·1	- 2·4	0	69	4	0·63	- 0·04	*	*	*	*
	Clathick	47	20	40·1	28·3	34·2	- 3·8	0	55	4	0·72	- 0·11	*	*	*	*
	†Leith (Edinburgh)	47	30	43·9	33·3	38·6	- 1·2	5	32	3	0·10	- 0·27	24·5	+ 10·6	38	+ 16
	Marchmont	44	24	41·0	27·6	34·3	- 3·0	0	54	2	0·19	- 0·38	25·9	+ 9·6	39	+ 15
2. ENGLAND, N.E. Northern part.	†Alnwick Castle (Cockle Park)	44	27	41·6	30·7	36·2	- 2·3	0	41	4	0·29	- 0·25	20·2	—	31	—
	†Shields (Newcastle)	48	29	42·3	30·0	36·2	- 3·0	1	43	3	0·03	- 0·35	13·3	+ 1·3	20	+ 2
	Durham	44	25	41·6	29·9	35·8	- 2·1	0	43	4	0·09	- 0·29	18·2	+ 1·8	28	+ 3
	Scarborough	45	30	42·0	32·4	37·2	- 2·0	0	34	5	0·17	- 0·29	13·5	—	20	—
	York	46	28	41·8	30·2	36·0	- 3·0	0	42	5	0·24	- 0·16	3·8	- 10·3	6	- 15
Southern part.	†Spurn Head (Skegness)	43	30	40·4	33·1	36·8	- 2·3	0	36	5	0·63	+ 0·33	17·1	—	26	—
	Lincoln	49	27	43·4	31·0	37·2	- 1·6	4	39	5	0·65	+ 0·25	*	*	*	*
	†Fulbeck (Rauceby)	45	29	41·1	31·8	36·5	- 2·0	0	39	6	0·59	+ 0·19	17·9	—	27	—
3. ENGLAND, E. Northern part.	Hillington	46	24	42·7	30·6	36·7	- 1·9	2	41	5	1·10	+ 0·65	14·3	- 3·2	21	- 5
	†Yarmouth (Lowestoft)	45	30	41·6	32·9	37·3	- 1·1	0	33	4	0·69	+ 0·52	21·4	—	32	—
	Geldeston	47	27	44·3	31·7	38·0	- 1·0	6	38	7	0·72	+ 0·38	22·4	+ 3·9	33	+ 6
Southern part.	Cambridge	49	26	44·0	31·3	37·7	- 1·3	6	39	6	0·39	+ 0·04	16·5	- 1·9	24	- 3
	Felixstowe	44	29	42·3	32·9	37·6	- 1·8	1	32	6	0·74	—	25·0	—	37	—
	Clacton-on-Sea	45	31	42·3	34·0	38·2	- 1·2	1	29	5	0·66	—	20·8	—	31	—
	Rothamsted	48	23	42·4	30·7	36·6	- 1·9	1	40	7	0·91	+ 0·45	19·8	+ 2·8	29	+ 4
	†Shoeburyness (Southend)	49	30	43·7	34·4	39·1	- 0·7	5	28	4	0·73	+ 0·43	17·6	—	26	—
	London, Westminster	50	29	44·4	34·0	39·2	- 1·3	7	30	6	0·78	—	11·2	+ 2·6	17	+ 4
4. MIDLAND COUNTIES. Eastern part.	Harrogate	45	25	41·2	29·2	35·2	- 2·6	0	48	6	0·31	- 0·22	17·3	—	26	—
	†Bawtry (Worksop)	48	30	43·9	33·3	38·6	- 0·4	5	32	5	0·30	- 0·11	14·0	- 0·1	21	0
	Nottingham	46	27	42·3	31·3	36·8	- 2·3	1	38	5	0·60	+ 0·20	13·6	—	20	—
	†Colly Weston (Oundle)	48	26	42·4	30·6	36·5	- 2·4	1	40	5	0·51	+ 0·12	?15·8	—	?23	—
	Birmingham, Edgbaston	46	29	41·5	32·3	36·9	- 2·1	0	36	5	0·47	+ 0·04	15·3	—	22	—
	Oxford	49	28	43·3	32·6	38·0	- 1·8	4	34	6	0·55	+ 0·12	19·8	+ 3·3	29	+ 5
Western part.	Cheadle	43	26	39·6	30·6	35·1	- 2·7	0	48	5	0·68	+ 0·12	*	*	*	*
	Shrewsbury	47	29	44·3	32·3	38·3	- 1·8	6	36	3	0·35	—	*	*	*	*
	Hereford	48	29	42·6	31·9	37·3	- 2·5	2	36	6	0·52	+ 0·01	*	*	*	*
	Cirencester	48	24	41·5	30·0	35·8	- 2·8	0	43	5	0·63	+ 0·07	21·0	+ 3·1	31	+ 5
	Bath	50	26	44·0	31·6	37·8	- 2·6	6	38	6	0·67	+ 0·13	24·1	—	35	—
5. ENGLAND, S.	†London, Brixton (Kew)	51	28	44·6	32·9	38·8	- 1·3	7	34	6	0·85	+ 0·45	19·3	+ 5·3	28	+ 8
	Wisley, Surrey	50	30	43·3	34·4	38·9	- 0·4	4	28	6	0·87	—	19·5	—	29	—
	Swarraton	48	24	42·2	30·3	36·3	- 2·5	1	41	5	1·23	+ 0·63	*	*	*	*
	Tunbridge Wells	50	26	43·2	31·6	37·4	- 1·6	3	37	6	1·35	+ 0·81	24·4	+ 7·4	36	+ 11
	†Dungeness (Littlestone)	47	29	44·4	34·9	39·7	- 0·3	7	27	6	0·84	+ 0·51	22·0	—	32	—
	Hastings	47	30	44·5	34·2	39·4	- 0·8	7	29	6	0·94	+ 0·43	22·8	+ 2·3	33	+ 3
	Southampton	50	28	46·3	34·2	40·3	- 1·0	12	31	7	1·41	+ 0·86	20·1	+ 1·4	29	+ 2
	†Portland Bill (Bournemouth)	48	33	44·6	37·0	40·8	- 1·1	7	19	5	1·41	—	26·2	—	38	—
6. SCOTLAND, W.	Laudale, Loch Sunart	43	29	39·9	31·9	35·9	- 4·0	0	43	7	2·32	+ 0·64	*	*	*	*
	Glasgow	44	30	40·3	33·3	36·8	- 2·3	0	36	4	0·45	- 0·25	25·8	+ 15·0	40	+ 23
	Cally	47	26	44·5	31·9	38·2	- 0·7	7	37	4	0·43	- 0·61	*	*	*	*
	‡Aspatria	46	31	42·0	33·0	37·5	- 0·8	0	32	4	0·56	+ 0·01	26·3	—	40	—
	Douglas, Isle of Man	46	29	42·8	32·6	37·7	- 3·0	2	33	7	0·98	+ 0·18	31·5	+ 14·0	47	+ 21
7. ENGLAND, N.W.	‡Aspatria	46	31	42·0	33·0	37·5	- 0·8	0	32	4	0·56	+ 0·01	26·3	—	40	—
	Newton Rigg	46	22	40·5	29·1	34·8	- 2·2	0	50	5	0·27	- 0·53	23·2	+ 8·2	35	+ 13
	Stonyhurst	44	30	39·3	32·1	35·7	- 3·0	0	44	4	0·46	- 0·34	13·8	- 0·7	21	- 1
	Blackpool	44	32	42·0	34·0	38·0	- 1·3	0	28	5	0·64	+ 0·08	23·8	+ 8·1	36	+ 12
	Manchester, Prestwich	46	29	41·3	32·2	36·8	- 2·0	0	36	5	0·60	+ 0·03	15·6	+ 5·6	23	+ 8
	†Liverpool Obs. (Hoylake)	45	32	42·3	34·7	38·5	- 1·4	1	26	4	0·20	- 0·23	24·3	—	36	—
	Hawarden Bridge	47	30	43·2	33·6	38·4	- 2·3	3	30	3	0·39	+ 0·04	*	*	*	*
NORTH WALES	Llandudno	49	33	44·2	35·3	39·8	- 2·0	6	25	6	0·52	+ 0·01	19·9	+ 2·3	30	+ 3
	Holyhead	45	34	42·6	35·9	39·3	- 2·5	2	22	6	0·96	+ 0·36	*	*	*	*
	Bettws-y-Coed	45	30	42·4	32·6	37·5	- 4·1	1	33	7	0·94	—	14·4	—	22	—
8. SOUTH WALES	Llangammarch Wells	48	27	41·2	30·6	35·9	- 3·5	0	43	6	1·18	—	12·2	—	18	—
	Pembroke	48	34	45·9	37·1	41·5	- 0·9	11	20	5	0·94	+ 0·28	18·9	0·0	28	0
	Cardiff	49	25	43·6	32·2	37·9	- 2·9	4	35	6	1·35	+ 0·56	*	*	*	*
ENGLAND, S.W.	Clifton	49	31	43·2	33·6	38·4	- 2·2	3	30	2	0·39	- 0·21	*	*	*	*
	†Shaftesbury (Marlborough)	50	27	42·2	32·6	37·4	- 1·1	1	33	6	1·57	+ 0·96	19·3	+ 4·4	28	+ 7
	Arlington, N. Devon	48	30	42·3	32·6	37·5	- 3·1	1	33	7	1·86	+ 0·88	*	*	*	*
	Cullompton	50	27	44·1	32·9	38·5	- 2·6	6	33	7	1·16	+ 0·44	21·1	+ 3·9	31	+ 6
	Plymouth	50	31	46·5	35·5	41·0	- 1·7	13	26	7	1·78	+ 1·08	26·1	+ 6·9	38	+ 10
	Falmouth	50	32	46·0	37·0	41·5	- 2·2	11	20	7	2·34	+ 1·41	28·9	+ 8·3	42	+ 12
9 IRELAND, N. Western part.	Malin Head	45	30	41·1	32·3	36·7	- 5·0	0	37	7	0·63	+ 0·10	*	*	*	*
	Edenfel	45	27	40·3	30·3	35·3	- 3·7	0	47	4	0·49	- 0·17	*	*	*	*
	Blacksod Point	48	31	43·4	34·3	38·9	- 4·0	4	28	7	1·54	+ 0·64	*	*	*	*
	Markree Castle	48	28	43·3	30·5	36·9	3·6	4	41	7	0·71	- 0·04	28·2	+ 12·7	42	+ 19
Eastern part.	Armagh	48	27	42·7	29·5	36·1	- 3·9	2	44	3	0·27	- 0·25	22·7	+ 7·3	34	+ 11
	Donaghadee	47	30	42·3	32·0	37·2	- 3·8	1	36	4	0·45	- 0·11	*	*	*	*
10. IRELAND, S. Eastern part.	†Dublin, City (Phœnix Park)	48	29	44·4	32·5	38·5	- 4·0	7	35	3	0·09	- 0·41	34·4	+ 16·4	51	+ 24
	Kilkenny	46	27	43·3	31·6	37·5	- 4·1	4	38	5	0·33	- 0·32	*	*	*	*
	Waterford	48	25	46·1	31·4	38·8	- 3·3	11	40	3	0·53	- 0·32	*	*	*	*
Western part.	Birr Castle	47	26	43·1	29·7	36·4	- 4·4	3	44	6	0·34	- 0·21	31·4	+ 15·2	47	+ 23
	Foynes	49	29	43·7	33·7	38·7	- 4·1	5	30	7	0·84	+ 0·08	*	*	*	*
	Killarney	49	27	45·0	32·9	39·0	- 4·4	8	34	7	1·55	+ 0·30	*	*	*	*
	Valencia	50	33	45·1	36·4	40·8	- 4·1	9	22	7	1·81	+ 0·56	22·9	+ 4·9	34	+ 7
	†Roches Point (Ballinacurra)	49	29	44·9	34·1	39·5	- 4·4	8	30	7	0·89	- 0·13	29·0	—	43	—
11. CHANNEL ISLANDS	Scilly, St. Mary's	51	37	47·1	39·6	43·4	- 2·2	20	7	7	1·32	+ 0·65	29·3	+ 7·9	43	+ 12
	†Jersey, St. Aubins (St. Heliers)	51	32	46·3	37·7	42·0	- 1·1	12	12	7	1·21	+ 0·58	17·4	- 5·6	25	- 8
	Guernsey	49	32	45·0	38·3	41·7	- 2·0	8	15	7	1·66	+ 0·97	14·0	- 7·7	20	- 11

Information for Stations marked ℳ is supplied by the Royal Meteorological Society, and that for Stations marked 𝒮 is supplied by the Scottish Meteorological Society.

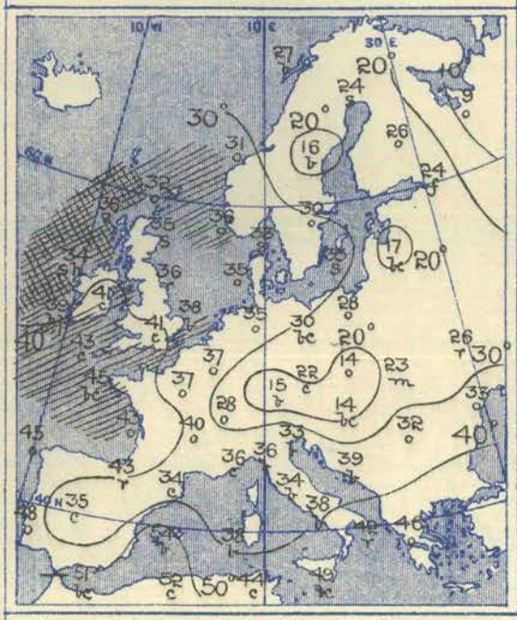
* An Asterisk is inserted in all places for which the information is not usually given.

† There is no Sunshine Recorder in use at this Station. The figures entered for Sunshine are those recorded at a neighbouring Station of which the name is given in brackets.

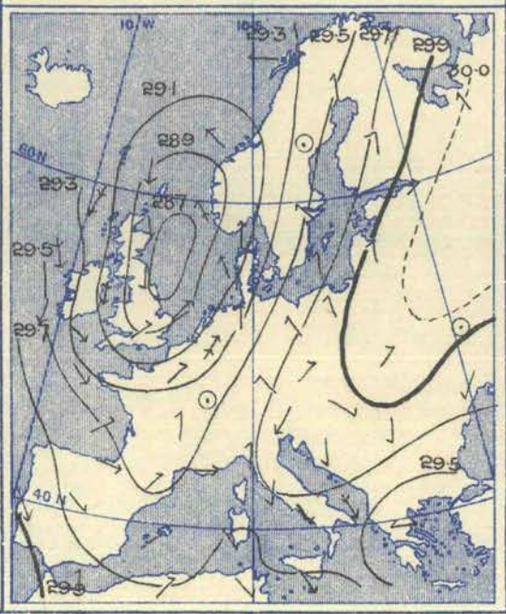
‡ This station is included in two districts to facilitate the compilation of values for the Agricultural divisions of the country adopted by the Board of Agriculture as well as the Forecast districts of the Meteorological Office.

Sunday, 11th February, 1906.

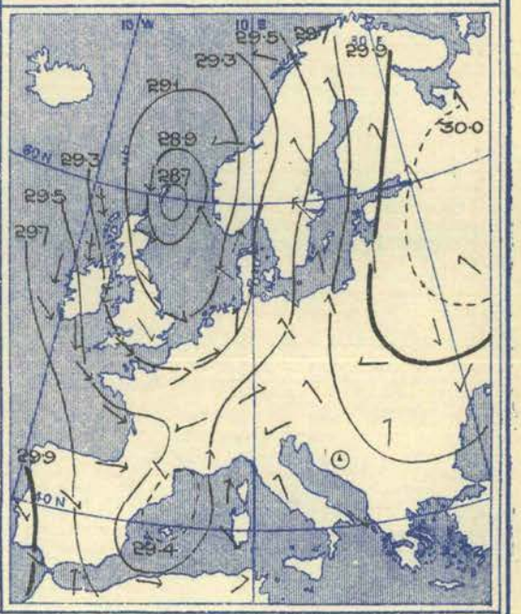
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. cloudy or dull in nearly all regions except Italy and at some other southern stations; very rough and squally over the United Kingdom and its neighbourhood, with rain, sleet, or snow in several places. Rain also falling at Brindisi, Oporto, Biarritz, and Cape Sicie, and snow at some stations in Scandinavia. Rather heavy rain later in a few Spanish localities, the south and south-west of France, and in Algeria, and heavy snow in the south-west of Norway.

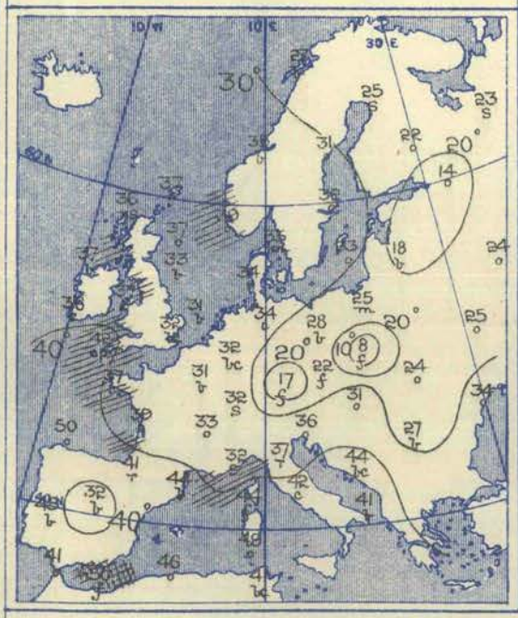
TEMPERATURE fallen in most regions, but risen quickly in the east of France. Readings at 8 a.m., above 50° at some places in the extreme south of our area, but below 30° over the major portion of the Continent, and below 20° in some central and north-eastern localities. Lowest values, 15° at Munich, 14° at Buda-Pesth and Cracow, and 9° at Moscow. Rising during day to 66° at Algiers and to 63° at La Calle. Thermometer not touching 50° generally, and remaining below the freezing point in Russia and at some stations in Austria-Hungary.

WIND in morning showing a vast cyclonic circulation around the North Sea, the Northerly current blowing a whole gale at Malin Head, and a fresh gale on our western coasts generally. Westerly gales or very strong winds prevailing over the south coast of England and the north of France, and strong winds or gales from between South and South-East to the eastward of the North Sea. A North-Westerly gale blowing at Brindisi. Not much change later as a whole, but a separate circulation setting in over the Balearic Isles and their vicinity.

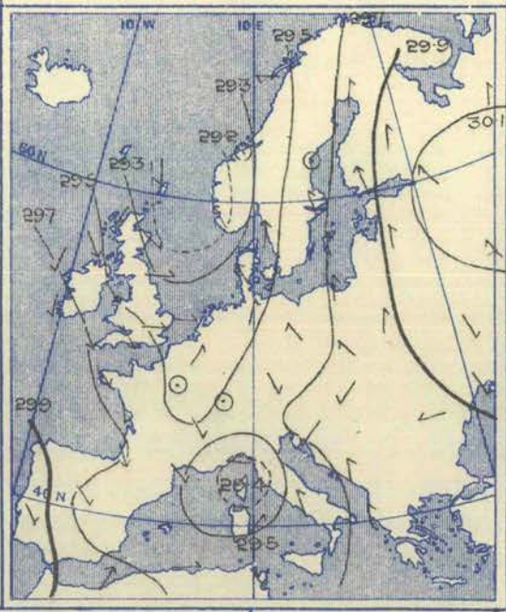
BAROMETER at 8 a.m. ranging from above 29·9 ins. over Russia and at Lisbon, to less than 29·4 ins. in Greece, and to below 28·7 ins. in a depression having its centre over the North Sea. Gradients steep over our Islands and their neighbourhood. A new depression appearing later over the western extremity of the Mediterranean, but very little other change taking place. Gradients increasing over the Baltic and the Gulf of Bothnia, and continuing steep over this country.

Monday, 12th February, 1906.

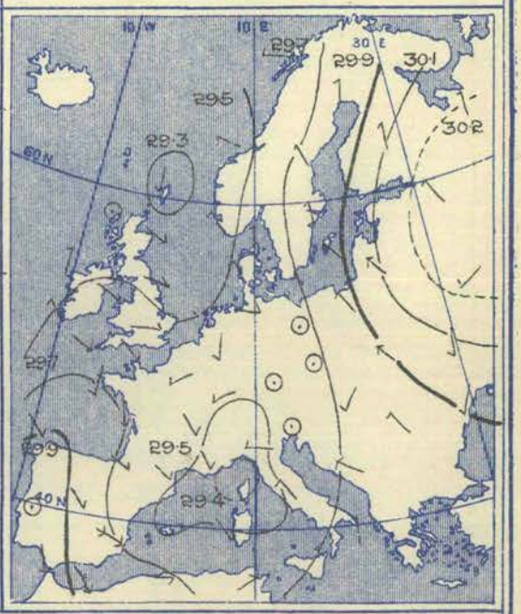
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fair or fine and bright in a few parts both of our Islands and the Continent; cloudy or entirely overcast elsewhere, with rain at Florence and Biarritz, showers at Scilly, rain or sleet in the north of Scotland, and snow at some Swedish stations, in the east of France, at Turin, and also in the Riviera. Heavy rain later in several Mediterranean regions and in the south-west of Ireland, and showers of rain, hail, or sleet in various parts of the United Kingdom.

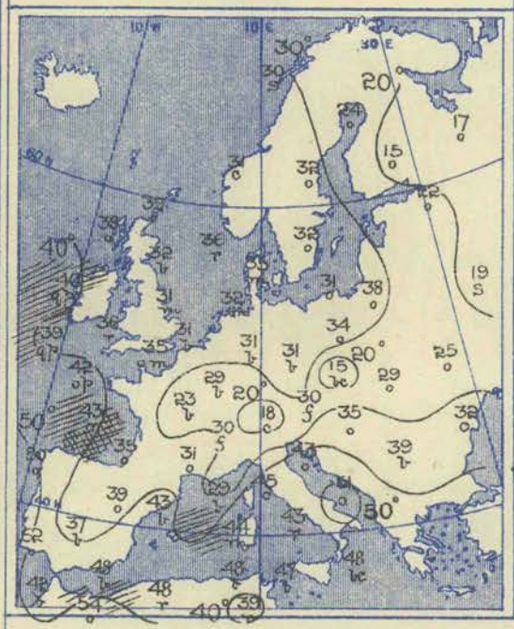
TEMPERATURE fallen in most countries. Morning readings less than 50° at all stations except Nemours, and below 32° at several of our own stations and over the greater part of the Continent. As low as 18° at Munich, 14° at St. Petersburg, and 8° at Cracow. Severe frost continuing in the north-east of Europe all day, and thermometer only slightly exceeding the freezing point in many other regions. Maxima below 50° except in the extreme south.

WIND in morning showing two cyclonic circulations; one over the north-western countries and the other over the Mediterranean. Northerly to North-Westerly current fresh or strong over the major portion of these Islands, and some strong breezes reported from the eastern side of the North Sea. Decreasing in force by evening except on the south-east coast of Spain and over Algeria. Backing to South or South-East along the west coast of Ireland.

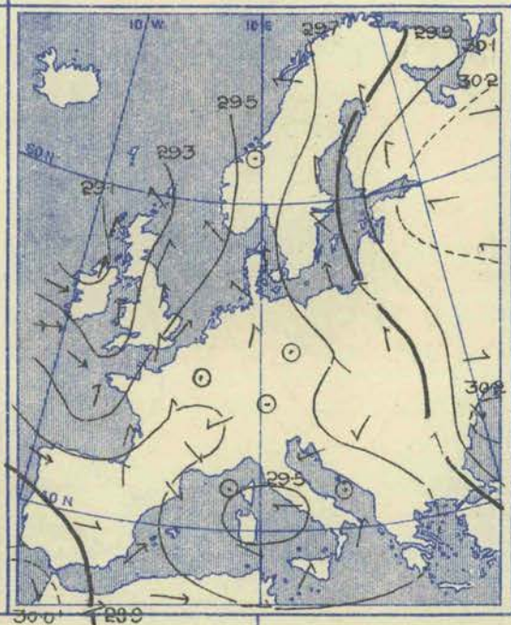
BAROMETER in morning above 30·1 ins. over a large part of Russia, and above 29·9 ins. in Portugal. Below 29·4 ins. in a well-defined depression centred to the westward of Corsica, and below 29·2 ins. in another disturbance having its minimum over the upper part of the North Sea. Latter system scarcely changing its position all day, but that in the south moving eastwards. A brisk fall of the mercury setting in in Ireland by the afternoon, and spreading later to our western coasts generally.

Tuesday, 13th February, 1906.

Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.

WEATHER at 8 a.m. fine and bright at a few places locally, but cloudy or overcast over our area as a whole. Rain falling at Algiers, Bilbao, in Brittany, and in the south-west of Norway, rain or sleet showers in the west of our Islands, and snow at Bodö, Moscow, Turin, and Aumale. Rain, sleet, or snow experienced later in nearly all parts of the United Kingdom, and a thunderstorm, with hail, occurring at Jersey. Rather heavy falls of rain reported from Bilbao and some stations on the shores of the Mediterranean.

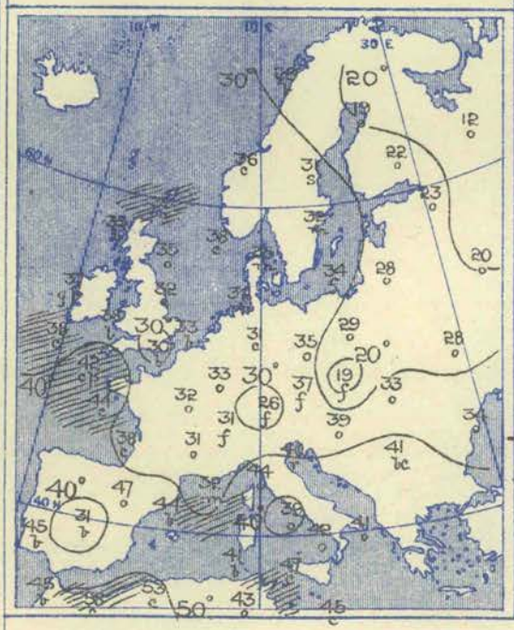
TEMPERATURE changed irregularly. Morning readings ranging from about 50° at some places in the extreme south and south-west of our area, to below 32° in several parts of Great Britain and over the major portion of the Continent. Lowest readings, 18° at Munich, 19° at Moscow, and 15° at Kuopio. Rising later to 59° at San Fernando, Malta, and Nemours, and to about 50° in many southern localities. Maxima less than 40° in most of the central and northern regions of the Continent, and also at some of our own stations.

WIND at 8 a.m. strong to a gale from the Westward on the west coast of Ireland, and fresh or strong from the Southward over these Islands generally and the nearer parts of the Continent. A complete cyclonic circulation of light to moderate winds prevailing over Italy and its neighbourhood. Westerly winds decreasing in force and extending to Wales and the south-west of England by evening, but little change of importance as a whole.

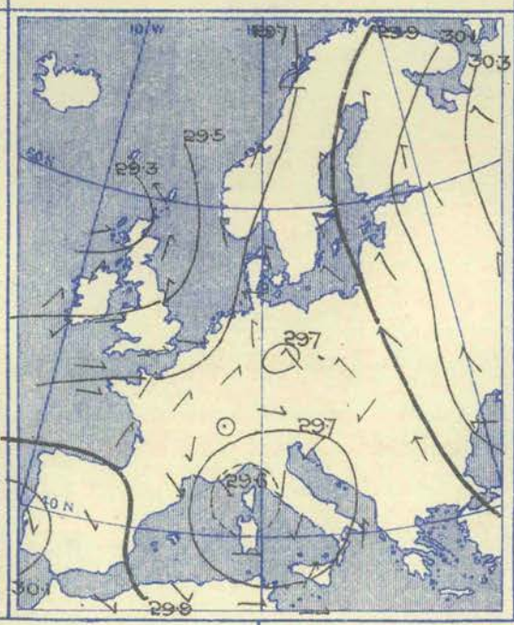
BAROMETER in morning above 30·2 ins. in an anticyclone over the north of Russia, and above 30·0 ins. in the south-west of Spain. Below 29·5 ins. in a depression centred over the Gulf of Tuscany, and less than 29·1 ins. in a "V" shaped system having its minimum off the north of Ireland. Latter disturbance travelling north-eastwards during day, and pressure increasing again over France and our west and south-west coasts. Barometer falling briskly in the south-west of Spain, and gradients becoming steep in that region.

Wednesday, 14th February, 1906.

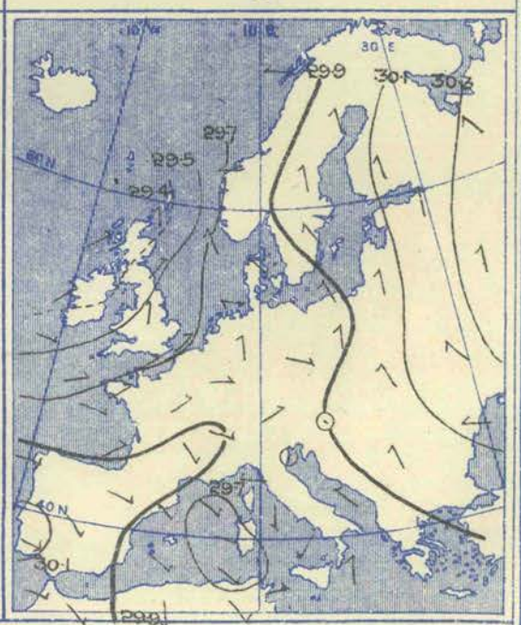
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. cloudy or overcast as a whole, but fair or fine in several parts of the United Kingdom and southern Europe. Showers of rain falling in the north-west of Ireland, and snow in the north of Sweden. Rain, in various amounts, experienced later in different parts of these Islands and the Continent—heaviest falls, 0·5 in. at Biarritz and 0·6 in. at Naples.

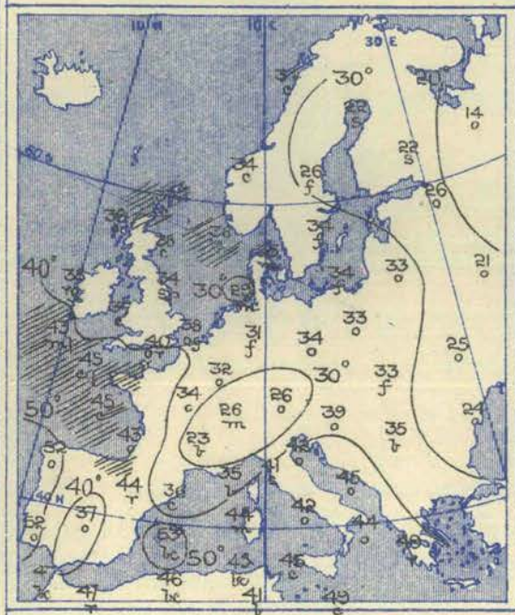
TEMPERATURE changed rather irregularly, but fallen in most places. Readings in morning above 50° on the coast of Algeria, and 58° at Aumale; below 40° generally and below 32° over the major portion of the Continent and in the central parts of Great Britain. Lowest values, 20° at Moscow, 19° at Uleaborg, and 12° at Archangel. Rising during day to above 55° at a few stations in the extreme south of our area, but maxima below 45° as a whole, and less than 32° in the far north and north-east.

WIND in morning showing a cyclonic circulation of moderate to fresh breezes over the Mediterranean region. South-Westerly and Westerly winds of little strength prevailing over most of these Islands, and South-Easterly to Easterly winds in Norway and the Shetlands. No change of importance occurring later.

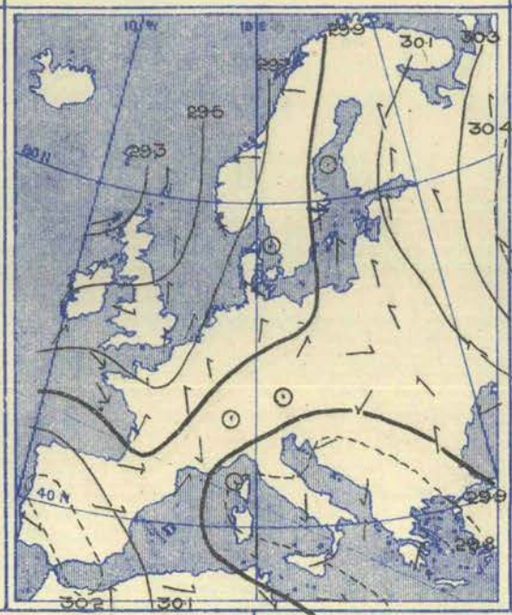
BAROMETER in morning above 30·3 ins. over the eastern half of Russia, and above 30·1 ins. in Portugal. Decreasing to less than 29·6 ins. over the Gulf of Genoa and its neighbourhood, and to less than 29·3 ins. in the extreme north of Scotland. Southern depression becoming less deep by evening, and that in the north of Scotland travelling away northwards. Another fall of the barometer setting in in the extreme west and south-west of our Islands, but change not at all brisk.

Thursday, 15th February, 1906.

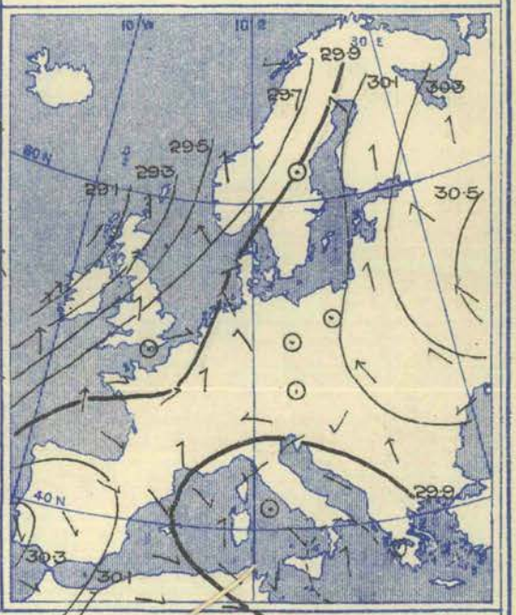
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine and bright in a few localities, but cloudy or overcast generally, with rain in several parts of England, Ireland, France, and Greece, as well as in some other southern districts. Snow falling at North Shields, Faerder, and Haparanda, and much fog prevailing in North Germany, over the Baltic, and the Gulf of Bothnia. Precipitation becoming very general later over Scandinavia, the British Isles, and the west and north of France, and also at Algiers. Thunderstorms occurring at the latter station and Biarritz.

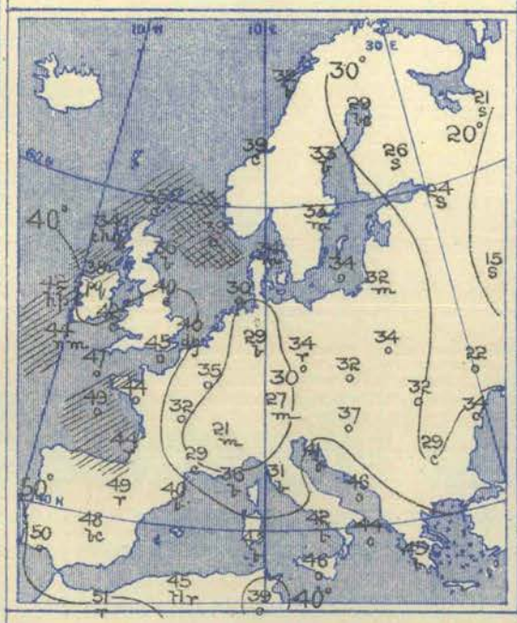
TEMPERATURE risen over our Islands, but showing no general change elsewhere. Readings in morning as low as 14° at Archangel and 19° at Kharkoff; below 32° in many other Continental regions, but increasing to between 40° and 50° on the shores of the Mediterranean, and to 52° at Lisbon. Maxima during day about 60° in Algeria and at Palma, 56° at Malta and Perpignan, and above 50° in the extreme south as a whole. Thermometer remaining below 40° in most parts of northern and north-eastern Europe.

WIND at 8 a.m. mainly Southerly to South-Westerly over the western countries, but drawing into North-West over the south-west of England and in Brittany. An irregular cyclonic circulation of light or moderate breezes prevailing over the Mediterranean region, and light South-Easterly to Southerly winds over Russia and its neighbourhood. Increasing to a strong or fresh gale during the ensuing twenty-four hours on our extreme west and north-west coasts and also in the south-west of Norway. No change of importance elsewhere.

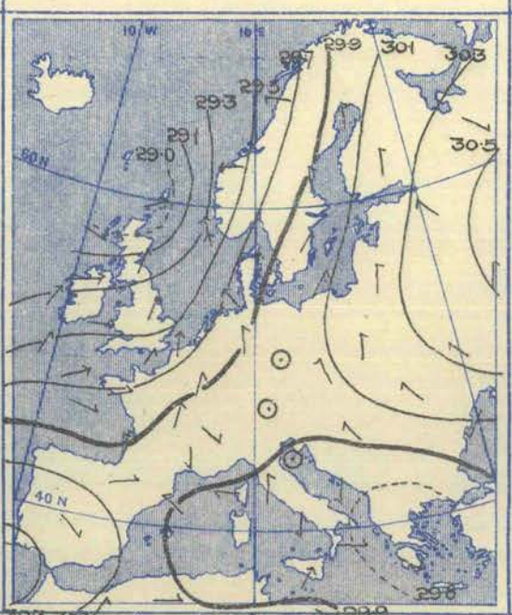
BAROMETER in morning ranging from above 30·4 ins. over central Russia, and above 30·1 ins. over the western half of the Iberian Peninsula, to below 29·8 ins. in a large area over southern Europe, and to less than 29·3 ins. in a depression off the north-west of Scotland. A secondary system of a "V" shaped type shown over England and France. Latter nearly disappearing by evening, but pressure decreasing quickly on our west and north-west coasts, and gradients becoming steep in those regions.

Friday, 16th February, 1906.

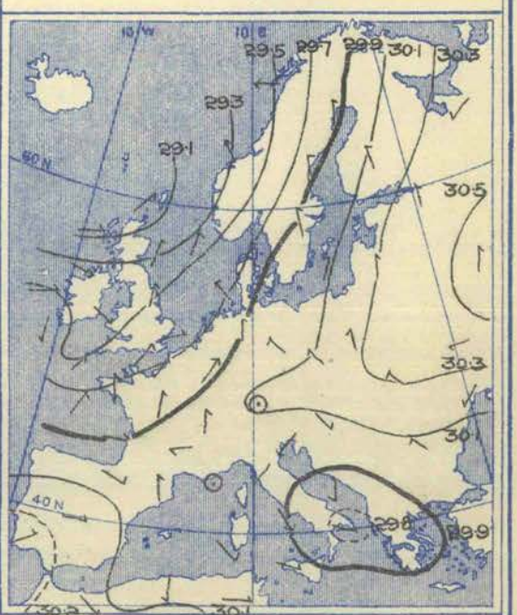
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine over most parts of Italy and in the north of Scandinavia, cloudy or dull generally, with rain in various British localities, in France, and central Europe, and snow in Russia and at Swinemünde, and also at Aumale. A thunderstorm in progress at Algiers. Rain experienced over all the western regions later—heaviest falls, 0·9 in. at Biarritz, 0·7 in. at Scilly, and 0·8 in. at Skudesnaes.

TEMPERATURE risen over Ireland and England, in the Spanish Peninsula, and the north-east of Europe, fallen generally elsewhere. Morning readings, 55° at Oran and 50° at Lisbon and Lorient. Below 40° in most other regions, and below 32° in places. Lowest readings, 21° at Belfort and Archangel and 19° at Kharkoff. Rising during day to 61° at Sfax and on the coast of Algeria, and to above 50° in the south of our area generally. Maximum only 39° at Aumale.

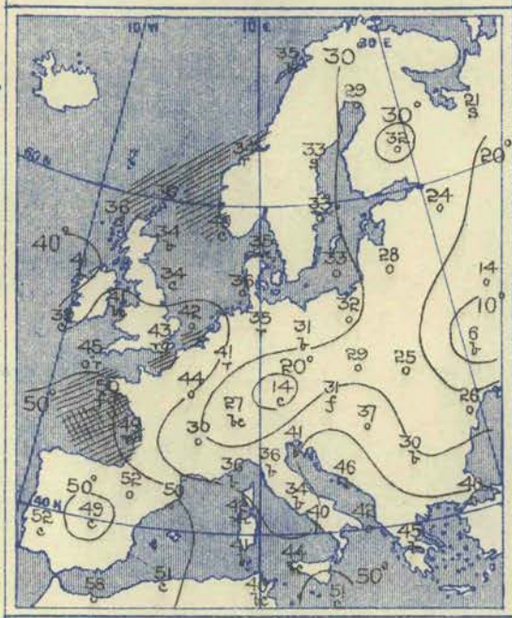
WIND at 8 a.m. moderate to fresh or strong from between West and South-West over these Islands and their immediate neighbourhood, and strong to a gale from South and South-East on the eastern shores of the North Sea. Light or moderate and mainly from North or North-East over Italy and the Mediterranean. Some decrease in force taking place over the United Kingdom later, and wind veering to North in the south of Ireland and at Pembroke.

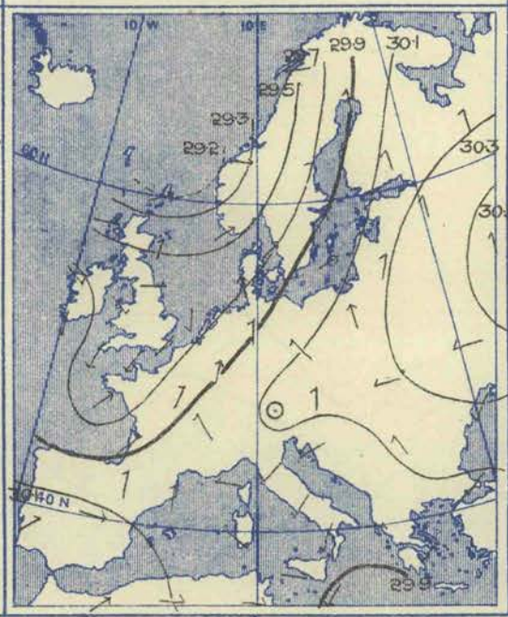
BAROMETER in morning 30·5 ins. over central Russia and 30·3 ins. in the south-west of Spain and Portugal, to 29·75 ins. at Athens, and to less than 29·0 ins. off the north of Scotland. Gradients rather steep over all the north-western countries, slight or moderate elsewhere. Pressure increasing later in the north of this country, but a secondary depression appearing off the south of Ireland. Gradients becoming less steep as a whole, especially over the North Sea.

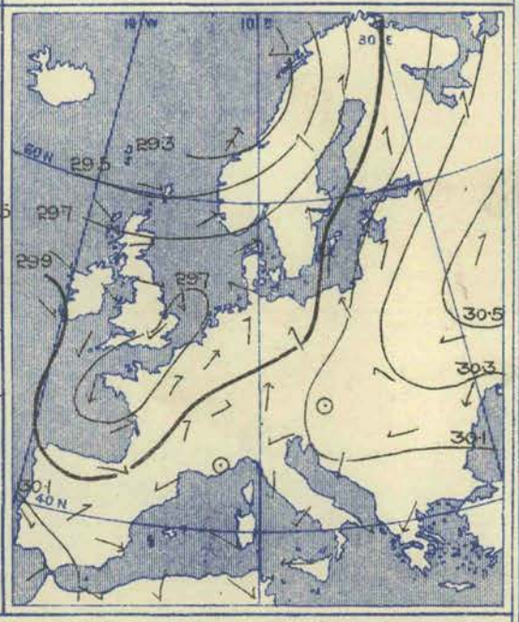
Saturday, 17th February, 1906.

Temperature and Weather. — 8 a.m.

Barometer and Wind. — 8 a.m. | 6 p.m.







WEATHER at 8 a.m. fine and bright in many parts of southern Europe, and at some stations in the north and north-west of our Islands; cloudy or overcast generally, with rain at Perpignan, Oporto, Christiansund, in the south of England, the adjacent parts of France, and the Low Countries, and snow at Archangel and in some Swedish localities. A considerable amount of rain experienced except in central Europe, Italy, and Russia later, and heavy snow at Archangel.

TEMPERATURE fallen in most regions except France, Denmark, and the Low Countries. Readings in morning ranging from 58° at Oran, 52° at Lisbon and Biarritz, and 50° in Brittany, to below 32° in central Ireland and the major portion of the Continent, to 14° at Munich, and to less than 10° in Little Russia. Lowest value, 2° at Kharkoff. Severe frost continuing all day in Russia and thermometer remaining below 32° at some stations in central Europe and Sweden, but maxima above 50° over France and southern Europe, and as high as 65° on the Algerian coast, and 65° at Malta.

WIND in morning light to fresh from North-East over the south of England and from South-West over the north of France, Belgium, and Holland. Light to fresh Westerly breezes prevailing over all the northern parts of our Islands, and Southerly winds, fresh to a gale, over Scandinavia. Light or moderate breezes, mainly from the Northward blowing over Italy and its vicinity, and light anticyclonic airs over Russia. No change of importance occurring during day.

BAROMETER at 8 a.m. above 30·5 ins. over the centre of Russia and above 30·1 ins. over the more southern parts of the Spanish Peninsula and the north-west of Africa. Relatively low over the central portion of the Mediterranean, below 29·6 ins. in an elongated system extending from the mouth of the English Channel to the North Sea, and below 29·2 ins. in a disturbance off the north of Scotland. Latter travelling north-eastwards during day, but Channel depression becoming somewhat modified in form and moving very slowly southwards.

IV.—BRIGHT SUNSHINE Values for the Week, in addition to those on page 36.

	STATIONS.	No. of Hours recorded.	Difference from the Mean for the Week.	Percentage of Possible Duration	Difference from the Mean for the Week.
1.	Crathes	26·4	—	41	—
	Balruddery	18·3	—	28	—
2.	Saltburn-by-the-Sea	—	—	—	—
3.	Cromer	18·9	—	28	—
	Dunmow	14·3	—	21	—
	London, Bunhill Row	8·4	+ 0·6	12	+ 1
4.	Sheffield	17·4	—	26	—
5.	Margate	20·0	+ 2·3	29	+ 3
	Ramsgate	22·0	—	32	—
	Eastbourne	22·9	+ 4·0	33	+ 6
	Brighton	25·6	+ 6·4	37	+ 9
	Worthing	24·6	—	36	—
	Bognor	23·6	—	34	—
	Ventnor Hospital	22·9	+ 2·9	33	+ 4
7.	Southport	25·0	—	37	—
	Rhyl	23·9	—	36	—
	Aberdovey	14·1	—	21	—
8.	Aberystwyth	13·6	—	19	—
	Tenby	22·7	+ 2·9	33	+ 4
	Torquay	30·6	+ 11·3	44	+ 16
	Newquay	26·3	+ 6·4	38	+ 11

V.—OBSERVATIONS IN THE UPPER AIR.—Temperature, Humidity and Wind Velocity.

Date of Observation	Station and its Height above M.S.L.		Heights in feet above Mean Sea Level. Ground Level.	1,600.	3,320.	5,000.	6,000.	8,320.	10,000.	Remarks.
1906. February 14th 3.0 p.m.—4.50 p.m.	Oxshott, 200 ft.	Temperature F.	40°	35°	[28°]					One kite. Wire 4,800 ft. Max. height 2,900 ft. Convection currents very noticeable. Humidity and wind-direction variable.
		Humidity	90	90	[90]					
		Wind Velocity, m. per hr.	SSW, 6	SW, 15	[SW, 15]					
February 15th 12.20 p.m.—1.20 p.m.	Ditcham Park, Petersfield, 400 ft.	Temperature F.	38°·5	30°	24°					One kite. Wire 4,720 ft. Max. height 3,700 ft. Cloud level 2,400 ft. Lowest temperature 22°.
		Humidity	80	90	100					
		Wind Velocity, m. per hr.	NW, —	NW, —	NW, —					
February 16th 10.0 a.m.—12.50 p.m.	Oxshott, 200 ft.	Temperature F.	47°	39°	35°	28°?	36°			Two kites. Wire 9,000 ft. Cloud level 1,700 ft. Calm stratum 15 miles per hour from 2,000 ft. to 3,000 ft. Exact height of inversion surface doubtful, owing to partial stoppage of clock.
		Humidity	80	100	70	25?	20			
		Wind Velocity, m. per hr.	SSW, 10	W, 30	WSW, 25	W by S, 30	W by S, 30			
February 13th 2.20 p.m.—4.55 p.m.	Ditcham Park, Petersfield, 400 ft.	Temperature F.	44°·5	38°	31°					One kite. Wire 4,520 ft. Max. height 4,300 ft. Light send at 1,000 ft. Clouds not reached. Lowest temp. 31°. Inversion at 3,400 ft. 31° to 35°. Humidity 100. Slight rain throughout.
		Humidity	80	90	90					
		Wind velocity, m. per hr.	SW by W, —	—	WSW, —					
February 17th 10.15 a.m.—11.25 a.m.	Oxshott, 200 ft.	Temperature F.	41°	36°	35°					One kite. Wire 5,100 ft. Height limited to 3,350 ft. by failure of upper wind. Cloud level 1,000 ft. Heavy rain throughout.
		Humidity	100	100	100					
		Wind Velocity, m. per hr.	NE by N, 10	NE, 25?	NE, 15?					

63, Victoria Street, London, S.W.
February 21st, 1906.

W. N. SHAW,
Director.

ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE,

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TWENTY-NINTH YEAR. *Vol. XXIII. (New Series.)* No. 8. EIGHTH WEEK, ENDING SATURDAY, FEBRUARY 24TH, 1906. [*Price 6d.* *Annual Subscription post paid* £1 10s. 0d.

I.—GENERAL REMARKS.

Weather was of an unsettled and variable type, occasionally very fine and bright and sometimes dull and rainy. Sleet and snow were frequently experienced in the more northern parts of the Kingdom.

Temperature continued below the average, the deficit ranging from nearly a degree in the Channel Islands to more than 3° in Scotland, the north-west of England, and the south of Ireland. The highest of the maxima were registered on rather irregular dates; the readings ranged from 53° in Ireland S. to 48° in most of the northern districts of Great Britain. The absolute minima, which were mostly recorded during the latter half of the week, were as low as 15° in Scotland E. and 18° in Scotland N., and varied elsewhere from 20° in England S. and 21° in England N.W., to 32° in the Channel Islands.

Rainfall exceeded the average in most of the western and southern districts—by a considerable amount in England S.W. and the Channel Islands—but scarcely differed from the normal in England N.E. and E. and Ireland N., and was deficient in Scotland and the Midland Counties.

Bright Sunshine was much above the average in all districts except in England S. and E. and the Midland Counties. The percentage of the possible duration ranged from 54 in Scotland E., 46 in Ireland N., and 43 in England N.E., to between 28 and 25 over the southern, eastern, and central counties of England.

Barometer and Wind. The general level of the barometer varied greatly and frequently, the change being brought about by the passage of cyclonic disturbances from the Atlantic either directly over or in the immediate neighbourhood of our Islands. The wind blew from all quarters, but was not generally strong in force; it increased, however, to a very strong breeze or slight gale at times on some parts of our western coasts. Quite at the end of the week an unusually deep disturbance was advancing towards the north of Scotland from the Westward, and the South-Westerly wind was increasing quickly on all the west and north-west coasts.

SUMMARY OF TEMPERATURE, RAINFALL, AND DURATION OF BRIGHT SUNSHINE IN THE UNITED KINGDOM, FOR AGRICULTURAL AND SANITARY PURPOSES.

THE WEEK (8th)—February 18th to February 24th, 1906.

DISTRICTS. (See p. 44.)	Temperature. Highest.	Lowest.	Means of Daily Max.	Daily Min.	Daily Mean.	Difference from Av. (35 Yrs.)	Accumulated. Number of Day-Degrees. Above 42°	Difference from Av. (25 Yrs.)	Below 42°	Difference from Av. (25 Yrs.)	Rainfall. Number of Rain-Days.	Diff. from Av. (35 Yrs.)	Total Fall.	Difference from Average (35 Yrs.)	Sunshine. Hours recorded.	Diff. from Av. (25 Yrs.)	Percentage of Possible Duration.	Diff. from Av. (25 Yrs.)
	°	°	°	°	°	°	Day-deg.	Day-deg.	Day-deg	Day-deg.			Inches.	Inches.			%	%
0. SCOTLAND, NORTH ..	48	18	41·5	28·4	35·0	− 3·1	0	− 8	49	+ 12	4	− 1	0·65	−0·41	28	+13	42	+19
Eastern 1. SCOTLAND, EAST ..	49	15	41·9	27·5	34·8	− 3·2	0	−10	50	+ 9	3	− 1	0·35	−0·21	37	+18	54	+26
Eastern 2. ENGLAND, N.E. ..	48	24	43·0	30·7	36·9	− 2·4	3	− 8	41	+ 8	3	− 1	0·37	−0·03	30	+11	43	+15
Eastern 3. ENGLAND, EAST ..	49	24	43·2	32·3	37·8	− 2·0	3	−11	35	− 1	4	0	0·37	0·00	18	− 1	25	− 1
Eastern 4. MIDLAND COUNTIES	48	23	43·1	30·7	36·9	− 2·7	3	−11	40	+ 5	4	0	0·37	−0·09	19	+ 1	26	+ 1
Eastern 5. ENGLAND, SOUTH ..	49	20	43·9	33·0	38·5	− 2·1	5	−11	33	+ 6	5	+ 1	0·62	+0·14	20	0	28	0
Western 6. SCOTLAND, WEST ..	48	23	42·6	30·4	36·5	− 3·1	2	− 9	41	+ 13	3	− 1	0·64	−0·10	28	+ 9	41	+13
Western 7. ENGLAND, N.W. ..	48	21	42·6	31·2	36·9	− 3·2	2	−12	38	+ 11	3	− 1	0·58	+0·02	26	+ 8	37	+12
Western 8. ENGLAND, S.W. ..	50	22	44·3	32·5	38·4	− 3·0	6	−12	35	+ 14	5	+ 1	1·37	+0·65	26	+ 6	37	+ 8
Western 9. IRELAND, NORTH ..	49	24	44·3	32·3	38·3	− 2·9	6	− 9	36	+ 12	5	0	0·64	0·00	32	+15	46	+21
Western 10. IRELAND, SOUTH ..	53	24	46·2	32·9	39·6	− 3·4	12	−10	35	+ 16	6	+ 2	1·09	+0·28	27	+ 9	38	+12
11. CHANNEL ISLANDS..	51	32	48·0	39·1	43·6	− 0·9	23	− 2	8	− 2	6	+ 2	1·18	+0·55	30	+ 6	42	+ 8

THE SEASON (**Winter**).—Aggregates, &c., for the Period of 12 Weeks, December 3rd, 1905, to February 24th, 1906.

0. SCOTLAND NORTH ..	55	12	*	*	*	*	82	− 9	348	− 56	66	+ 8	15·76	+2·25	108	+10	17	+ 2
Eastern 1. SCOTLAND, EAST ..	56	11	*	*	*	*	106	+ 4	346	−126	47	+ 1	6·37	−0·93	172	+36	27	+ 6
Eastern 2. ENGLAND, N.E. ..	56	24	*	*	*	*	106	− 6	294	−105	40	− 3	3·99	−1·35	171	+21	25	+ 3
Eastern 3. ENGLAND, EAST ..	57	23	*	*	*	*	94	−30	324	−120	46	+ 1	6·08	+0·99	168	+19	24	+ 3
Eastern 4. MIDLAND COUNTIES	57	19	*	*	*	*	110	−28	337	−116	45	+ 1	5·95	−0·13	156	+21	22	+ 3
Eastern 5. ENGLAND, SOUTH ..	57	20	*	*	*	*	167	− 1	241	− 94	51	+ 6	7·89	+1·19	181	+27	25	+ 4
Western 6. SCOTLAND, WEST ..	54	14	*	*	*	*	128	− 6	229	− 90	58	+ 4	13·09	−0·36	156	+38	24	+ 6
Western 7. ENGLAND, N.W. ..	57	21	*	*	*	*	137	− 2	219	−103	49	+ 1	8·71	+0·58	156	+35	23	+ 5
Western 8. ENGLAND, S.W. ..	55	20	*	*	*	*	203	−17	217	− 26	52	+ 2	12·45	+2·23	179	+24	25	+ 3
Western 9. IRELAND, NORTH ..	54	24	*	*	*	*	179	+ 7	187	−100	69	+11	10·74	+1·51	161	+28	24	+ 4
Western 10. IRELAND, SOUTH ..	56	24	*	*	*	*	288	+27	154	− 62	63	+ 9	10·56	−0·83	158	− 4	23	− 1
11. CHANNEL ISLANDS..	55	27	*	*	*	*	335	− 1	44	− 48	61	+ 7	9·13	−0·21	212	+22	29	+ 3

THE YEAR.—Aggregates, &c., for the period of 8 Weeks, December 31st, 1905, to February 24th, 1906.

0. SCOTLAND, NORTH ..	52	12	*	*	*	*	18	−40	293	+ 6	46	+ 8	11·67	+3·01	87	+11	20	+ 2
Eastern 1. SCOTLAND, EAST ..	56	11	*	*	*	*	36	−33	282	− 45	32	+ 2	4·78	+0·20	137	+32	30	+ 7
Eastern 2. ENGLAND, N.E. ..	56	24	*	*	*	*	51	−20	225	− 51	33	+ 5	3·56	+0·34	131†	+17	28	+ 4
Eastern 3. ENGLAND, EAST ..	54	23	*	*	*	*	66	−13	219	− 89	37	+ 8	5·23	+2·11	135	+24	28	+ 5
Eastern 4. MIDLAND COUNTIES	57	19	*	*	*	*	67	−24	242	− 70	35	+ 6	5·28	+1·44	121	+26	25	+ 5
Eastern 5. ENGLAND, SOUTH ..	55	20	*	*	*	*	116	+14	176	− 60	41	+11	7·15	+2·96	150	+35	30	+ 7
Western 6. SCOTLAND, WEST ..	52	14	*	*	*	*	54	−28	198	− 31	40	+ 5	9·68	+1·54	122	+36	26	+ 8
Western 7. ENGLAND, N.W. ..	57	21	*	*	*	*	69	−15	177	− 51	38	+ 7	7·72	+2·80	110	+19	23	+ 4
Western 8. ENGLAND, S.W. ..	54	20	*	*	*	*	128	− 7	165	− 11	42	+10	10·87	+4·51	136	+28	27	+ 6
Western 9. IRELAND, NORTH ..	54	24	*	*	*	*	87	−23	176	− 25	49	+11	7·87	+2·13	124	+25	26	+ 5
Western 10. IRELAND, SOUTH ..	56	24	*	*	*	*	158	− 8	147	− 3	47	+12	8·29	+1·06	127	+ 8	26	+ 2
11. CHANNEL ISLANDS..	55	27	*	*	*	*	214	+13	41	− 32	48	+13	7·76	+2·02	162	+23	32	+ 5

† This value has been altered owing to the receipt of further information.

Bright Sunshine.—For certain of the Districts the values of Bright Sunshine in this Table are based on the records from a part only of the Stations included in the Tables under II. and IV. For certain of the Stations Mean Values are not available, and for the Districts containing these Stations the "Difference from Average" is based on the records from a smaller number of Stations than those supplying the values for "Hours Recorded."

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II.—DATA from which the SUMMARY on page 43 has been calculated.

February 18-24, 1906.

Districts.	Names of Stations.	Temperature. In Degrees Fahrenheit.								Rainfall.			Bright Sunshine.			
		Highest observed.	Lowest observed.	Averages for the Week.			Difference of Daily Average from Mean for the Week.	Accumulated Heat for the Week (in Day-degrees).		Number of Rain-Days.	Rainfall in the Week.	Difference from the Mean for the Week.	Number of Hours recorded.	Difference from the Mean for the Week.	Percentage of possible duration.	Difference from the Mean for the Week.
				Of Highest each day.	Of Lowest each day.	For whole of each day.		Above 42°	Below 42°							
		°	°	°	°	°	°	Day-deg	Day-deg		Inches.	Inches.	Hrs.	Hrs.	%	%
0. SCOTLAND, N.	†Sumburgh Head (Deerness)	43	30	40·6	34·3	37·5	- 0·6	0	32	6	0·74	+ 0·93	30·4	+ 14·4	45	+ 22
	Wick	48	26	42·9	29·6	36·3	- 1·8	3	44	5	0·35	- 0·16	*	*	*	*
	†Lairg (Strathpeffer) ℌ	45	18	43·1	24·2	33·7	- 2·3	3	63	5	0·23	- 0·45	33·0	+ 16·2	49	+ 24
	Stornoway ℌ	48	27	43·1	30·3	36·7	- 2·4	3	42	3	0·62	- 0·32	23·9	+ 6·8	35	+ 10
	Glencarron ℌ	43	19	39·2	25·7	32·5	- 4·7	0	67	4	0·93	- 0·84	*	*	*	*
	Fort Augustus ℌ	42	19	40·3	25·9	33·1	- 5·5	0	62	2	0·65	- 0·34	25·8	+ 13·8	38	+ 20
	Fort William ℌ	47	23	41·4	28·9	35·2	- 4·1	0	48	3	0·95	- 0·77	*	*	*	*
1. SCOTLAND, E.	Nairn ℌ	45	23	42·4	27·3	34·9	- 3·2	1	52	4	0·14	- 0·26	*	*	*	*
	Aberdeen ℌ	44	28	41·4	31·3	36·4	- 2·1	0	39	4	0·60	+ 0·04	40·0	+ 20·1	59	+ 39
	Balmoral ℌ	40	15	38·0	24·8	31·4	- 3·5	0	74	1	0·12	- 0·54	*	*	*	*
	Clathick ℌ	48	21	43·1	25·8	34·5	- 4·0	3	58	2	0·77	- 0·01	*	*	*	*
	†Leith (Edinburgh) ℌ	49	25	44·4	28·4	36·4	- 3·7	7	49	3	0·28	- 0·09	33·3	+ 17·6	48	+ 26
	Marchmont ℌ	45	22	42·1	27·6	34·9	- 2·9	0	51	1	0·20	- 0·37	35·0	+ 16·6	51	+ 24
2. ENGLAND, N.E. — Northern part.	†Alnwick Castle (Cockle Park)	45	24	42·6	28·5	35·6	- 3·3	2	48	4	0·29	- 0·25	38·8	—	55	—
	†Shields (Newcastle) ℌ	45	27	42·7	29·3	36·0	- 3·6	2	45	3	0·27	- 0·12	17·4	+ 3·4	25	+ 5
	Durham ℌ	44	24	41·6	29·0	35·3	- 3·0	0	47	3	0·52	+ 0·13	31·6	+ 13·5	45	+ 19
	Scarborough ℌ	48	28	45·4	33·3	39·4	- 0·3	10	33	4	0·39	- 0·05	29·9	—	43	—
	York ℌ	46	26	42·3	30·4	36·4	- 3·1	1	41	3	0·41	+ 0·01	23·8	+ 7·7	34	+ 11
2. ENGLAND, N.E. — Southern part.	†Spurn Head (Skegness)	44	32	42·7	33·9	38·3	- 1·1	2	29	4	0·40	+ 0·10	28·7	—	40	—
	Lincoln ℌ	47	28	43·8	30·7	37·3	- 2·2	5	41	3	0·45	+ 0·06	*	*	*	*
	†Fulbeck (Rauceby) ℌ	45	28	43·1	30·4	36·8	- 2·3	3	42	3	0·26	- 0·13	19·2	—	27	—
3. ENGLAND, E. — Northern part.	Hillington ℌ	48	26	43·5	30·4	37·0	- 2·2	4	42	5	0·58	+ 0·14	21·5	+ 2·1	30	+ 3
	†Yarmouth (Lowestoft) ℌ	44	28	41·7	33·3	37·5	- 1·4	0	32	5	0·47	+ 0·10	20·6	—	29	—
	Geldeston ℌ	49	27	43·7	32·2	38·0	- 1·6	5	36	5	0·55	+ 0·21	17·8	- 2·7	25	- 4
3. ENGLAND, E. — Southern part.	Cambridge ℌ	46	25	43·2	31·1	37·2	- 2·5	3	39	3	0·37	+ 0·03	16·5	- 3·9	23	- 5
	Felixstowe ℌ	45	28	42·6	33·3	38·0	- 2·0	2	31	4	0·49	—	19·2	—	27	—
	Clacton-on-Sea ℌ	45	29	42·4	33·6	38·0	- 2·0	1	30	3	0·30	—	16·3	—	23	—
	Rothamsted ℌ	46	24	42·9	30·7	36·8	- 2·1	3	40	4	0·28	- 0·17	16·6	- 2·3	23	- 3
	†Shoeburyness (Southend) ℌ	48	27	43·9	33·3	38·6	- 1·8	5	32	2	0·12	- 0·17	17·8	—	25	—
	London, Westminster ℌ	47	27	44·9	32·6	38·8	- 2·2	8	35	5	0·31	—	13·4	+ 3·4	19	+ 5
4. MIDLAND COUNTIES. — Eastern part.	Harrogate ℌ	45	24	41·1	28·6	34·9	- 3·3	0	50	4	0·62	+ 0·10	30·4	—	43	—
	†Bawtry (Worksop) ℌ	46	26	44·1	31·9	38·0	- 1·6	6	37	3	0·32	- 0·08	20·9	+ 4·8	29	+ 7
	Nottingham ℌ	45	25	43·0	29·3	36·2	- 3·4	3	46	3	0·18	- 0·21	13·6	—	19	—
	†Colly Weston (Oundle) ℌ	47	27	44·0	31·1	37·6	- 1·9	6	40	2	0·15	- 0·24	17·9	—	25	—
	Birmingham, Edgbaston ℌ	44	31	41·0	33·0	37·0	- 2·5	0	35	5	0·39	- 0·03	12·6	—	18	—
	Oxford ℌ	47	23	43·7	30·6	37·2	- 3·0	5	41	5	0·25	- 0·17	17·7	- 0·9	25	- 1
4. MIDLAND COUNTIES. — Western part.	Cheadle ℌ	45	29	40·7	31·6	36·2	- 2·2	0	41	4	0·47	- 0·07	*	*	*	*
	Shrewsbury ℌ	47	25	44·7	31·1	37·9	- 2·7	8	40	4	0·17	—	*	*	*	*
	Hereford ℌ	46	25	43·4	30·0	36·7	- 3·7	4	43	4	0·38	- 0·11	*	*	*	*
	Cirencester ℌ	47	23	43·6	29·4	36·5	- 2·6	4	45	4	0·37	- 0·16	18·3	- 1·4	26	- 2
	Bath ℌ	48	26	44·6	31·1	37·9	- 3·1	7	40	5	0·74	+ 0·22	18·8	—	26	—
5. ENGLAND, S. —	†London, Brixton (Kew)	47	27	45·1	32·3	38·7	- 2·0	9	36	5	0·25	- 0·15	20·5	+ 4·3	29	+ 6
	Wisley, Surrey ℌ	47	25	44·1	31·9	38·0	- 1·9	6	37	5	0·28	—	20·0	—	28	—
	Swarraton ℌ	46	20	41·1	29·5	35·3	- 4·0	0	47	5	0·36	+ 0·28	*	*	*	*
	Tunbridge Wells ℌ	46	28	43·2	32·8	38·0	- 1·6	3	33	5	0·41	- 0·11	21·5	+ 2·4	30	+ 3
	†Dungeness (Littlestone) ℌ	47	27	44·1	32·6	38·4	- 2·0	6	35	4	0·36	+ 0·04	17·9	—	25	—
	Hastings ℌ	46	29	43·8	34·2	39·0	- 1·7	5	29	5	0·54	+ 0·04	21·2	- 1·3	29	- 2
	Southampton ℌ	49	29	44·9	33·3	39·1	- 2·7	8	32	5	1·07	+ 0·53	19·7	- 1·3	27	- 2
	†Portland Bill (Bournemouth) ℌ	49	34	45·1	37·0	41·1	- 1·2	9	20	5	1·21	—	17·4	—	24	—
6. SCOTLAND, W.	Laudale, Loch Sunart												*	*	*	*
	Glasgow ℌ	43	27	40·6	31·4	36·0	- 3·4	0	42	2	0·54	- 0·14	25·9	+ 13·7	38	+ 20
	Cally ℌ	46	23	43·0	28·1	35·6	- 3·8	3	50	3	0·41	- 0·58	*	*	*	*
	‡Aspatria ℌ	46	28	43·3	30·4	36·9	- 1·9	4	42	2	0·47	- 0·08	35·3	—	50	—
	Douglas, Isle of Man ℌ	48	28	43·3	31·8	37·6	- 3·4	4	37	4	1·15	+ 0·39	23·9	+ 3·9	34	+ 6
7. ENGLAND, N.W. —	‡Aspatria ℌ	46	28	43·3	30·4	36·9	- 1·9	4	42	2	0·47	- 0·08	35·3	—	50	—
	Newton Rigg ℌ	45	21	41·1	27·0	34·1	- 3·3	0	55	2	0·50	- 0·26	27·5	+ 10·3	39	+ 15
	Stonyhurst ℌ	42	22	40·0	29·2	34·6	- 4·4	0	52	3	0·49	- 0·31	23·8	+ 7·1	34	+ 10
	Blackpool ℌ	45	26	42·2	30·3	36·3	- 3·4	1	41	3	0·56	+ 0·02	27·6	+ 10·2	39	+ 15
	Manchester, Prestwich ℌ	44	26	41·3	30·7	36·0	- 3·2	0	42	4	0·65	+ 0·09	16·9	+ 4·9	24	+ 7
	†Liverpool Obs. (Hoylake) ℌ	45	29	42·0	31·6	36·8	- 3·5	0	36	4	0·50	+ 0·08	23·3	—	33	—
	Hawarden Bridge ℌ	47	27	43·5	31·2	37·4	- 3·7	4	39	3	0·56	+ 0·22	*	*	*	*
NORTH WALES	Llandudno ℌ	47	31	44·2	34·8	39·5	- 2·4	6	27	3	0·46	- 0·04	28·5	+ 9·1	40	+ 13
	Holyhead ℌ	48	32	45·3	34·1	39·7	- 2·4	9	30	4	0·75	+ 0·16	*	*	*	*
	Bettws-y-Coed ℌ	46	28	43·1	32·4	37·8	- 4·1	3	35	5	0·82	—	23·7	—	33	—
SOUTH WALES	Llangammarch Wells ℌ	45	22	42·2	27·2	34·7	- 5·2	1	52	6	1·16	—	19·5	—	28	—
	Pembroke ℌ	47	32	44·9	33·7	39·3	- 3·2	8	31	5	1·22	+ 0·60	29·5	+ 8·5	42	+ 12
	Cardiff ℌ	48	26	44·1	31·4	37·8	- 3·3	6	39	6	1·18	+ 0·42	*	*	*	*
8. ENGLAND, S.W. —	Clifton ℌ	47	28	43·2	33·2	38·2	- 2·7	3	32	2	0·55	- 0·04	*	*	*	*
	†Shaftesbury (Marlborough) ℌ	46	28	42·2	32·3	37·3	- 1·7	1	34	4	0·84	+ 0·25	18·2	+ 1·3	25	+ 2
	Arlington, N. Devon ℌ	49	28	43·3	31·9	37·6	- 3·2	4	36	5	1·43	+ 0·47	*	*	*	*
	Cullompton ℌ	49	25	44·7	31·6	38·2	- 3·6	8	39	4	1·24	+ 0·55	18·3	- 1·1	25	- 2
	Plymouth ℌ	50	29	47·5	34·4	41·0	- 2·0	15	31	6	2·03	+ 1·35	23·6	+ 2·2	33	+ 3
	Falmouth ℌ	47	35	46·7	37·1	41·9	- 2·0	13	20	7	2·65	+ 1·76	31·8	+ 9·0	44	+ 13
9 IRELAND, N. — Western part.	Malin Head	47	34	42·7	34·7	38·7	- 3·2	2	26	5	0·45	- 0·07	*	*	*	*
	Edenfel	45	27	43·3	30·1	36·7	- 2·7	4	43	3	0·65	+ 0·01	*	*	*	*
	Blacksod Point	48	34	45·1	36·0	40·6	- 2·4	9	24	6	0·88	+ 0·01	*	*	*	*
	Markree Castle	48	24	45·1	29·7	37·4	- 3·5	9	45	3	0·75	+ 0·03	30·6	+ 13·5	44	+ 19
Eastern part.	Armagh	49	28	44·7	30·5	37·6	- 2·7	8	42	5	0·52	+ 0·01	33·2	+ 16·2	47	+ 23
	Donaghadee	46	31	44·6	32·6	38·6	- 2·7	7	35	5	0·56	+ 0·02	*	*	*	*
10. IRELAND, S. — Eastern part.	†Dublin, City (Phœnix Park)	47	30	45·2	32·6	38·9	- 3·9	9	35	5	0·66	+ 0·17	30·1	+ 10·2	42	+ 14
	Kilkenny	48	24	44·9	28·6	36·8	- 5·2	8	49	4	0·90	+ 0·29	*	*	*	*
	Waterford	50	26	47·3	30·1	38·7	- 3·6	15	45	4	1·72	+ 0·92	*	*	*	*
Western part.	Birr Castle	48	26	45·6	29·6	37·6	- 3·4	10	46	5	0·69	+ 0·15	33·0	+ 15·0	47	+ 21
	Foynes	49	29	43·9	33·7	38·8	- 4·2	5	30	6	1·07	+ 0·34	*	*	*	*
	Killarney	53	30	47·1	35·3	41·2	- 2·4	14	27	7	1·04	- 0·16	*	*	*	*
	Valencia	51	34	48·4	38·0	43·2	- 1·8	25	11	7	1·28	+ 0·10	20·5	+ 0·5	29	+ 1
	†Roches Point (Ballinacurra)	49	31	46·9	35·6	41·3	- 2·7	14	26	7	1·37	+ 0·41	24·2	—	34	—
11. ENGLISH CHANNEL	Scilly, St. Mary's	50	40	48·1	41·1	44·6	- 1·1	22	3	7	1·74	+ 1·10	31·0	+ 7·1	43	+ 10
	†Jersey, St. Aubins (St. Heliers)	51	32	49·3	38·4	43·9	+ 0·3	28	10	6	1·05	+ 0·45	29·1	+ 4·0	40	+ 6
	Guernsey	48	33	46·5	37·9	42·2	- 1·8	19	11	6	0·74	+ 0·09	30·3	+ 6·2	42	+ 9

Information for Stations marked ℳ is supplied by the Royal Meteorological Society, and that for Stations marked ℌ is supplied by the Scottish Meteorological Society.

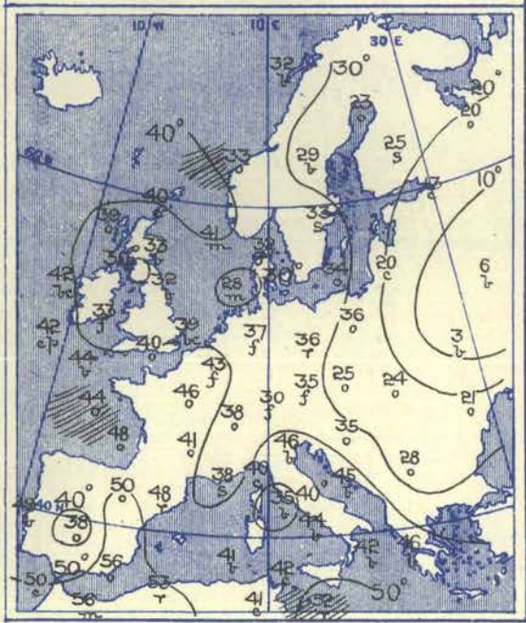
* An Asterisk is inserted in all places for which the information is not usually given.

† There is no Sunshine Recorder in use at this Station. The figures entered for Sunshine are those recorded at a neighbouring Station of which the name is given in brackets.

‡ This station is included in two districts to facilitate the compilation of values for the Agricultural divisions of the country adopted by the Board of Agriculture as well as the Forecast districts of the Meteorological Office.

Sunday, 18th February, 1906.

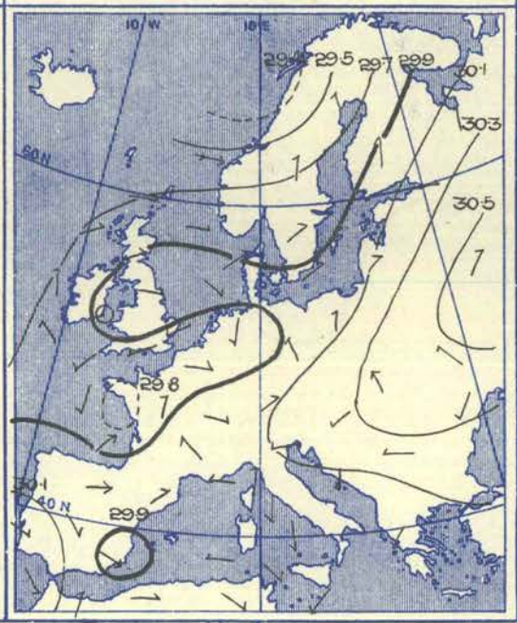
Temperature and Weather. 8 a.m.



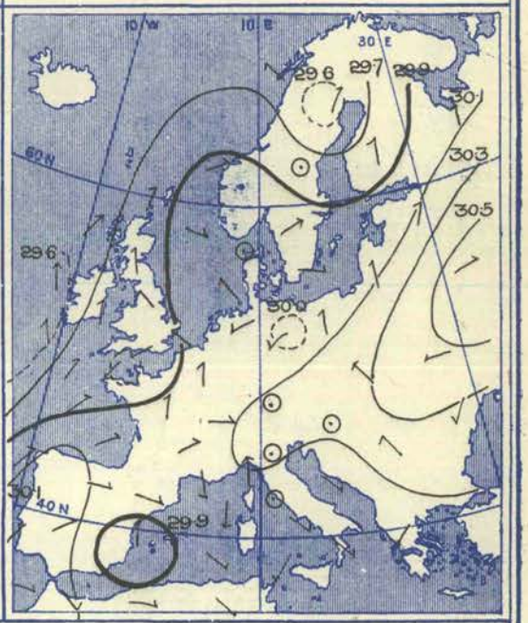
WEATHER at 8 a.m. fine and bright over Italy, central Russia, and in many parts of the United Kingdom; dull in most parts of our area, with showers at Valencia Island, rain in North Germany, at Barcelona, and Algiers, and snow at Stockholm, Hangö, and Kuopio. Fog prevailing in the north-west of England, over Denmark, at Cuxhaven, Cape Gris Nez, and Brussels. Rain experienced during day or night over nearly all parts of our Islands and the nearer regions of the Continent, and also in the south and south-west of France.

TEMPERATURE risen over Germany and the east of France, fallen generally. Morning readings, 56° at Nemours, 52° at Malta and 50° at Biarritz. Below the freezing point in various parts of these Islands and in the central, northern, and eastern regions of the Continent. Lowest values, 13° at St. Petersburg, 6° at Moscow, 3° at Kieff, and -4° at Kharkoff. Maxima during day nearly 60° in the extreme south, and above 50° in the south generally. Below 40° over the greater portion of central Europe, and below 32° in Russia.

Barometer and Wind. 8 a.m.



6 p.m.

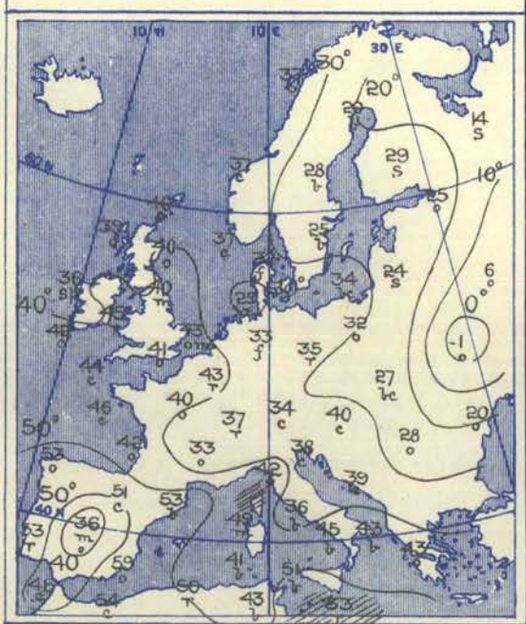


WIND at a.m. moderate or fresh from the Southward in Ireland, and light from South-West in Scotland; drawing into West in Norway, and blowing a gale at Christiansund, and into South over the Gulf of Bothnia, and Finland. A moderate cyclonic circulation shown around Brittany and also over the east of Spain and its vicinity. Wind becoming Southerly at all our western and northern stations by evening and increasing in force, and veering from North-East to South-East on the east coast of England.

BAROMETER in morning above 30·5 ins. in an anticyclone centred over Russia, and above 30·1 ins. over Morocco and the western portion of the Spanish Peninsula. Below 29·9 ins. in a small depression near Alicante, less than 29·8 ins. in another over Brittany, and below 29·4 ins. in a larger system off the north-west of Norway. Relatively low in a band lying over the Low Countries and North Germany. Pressure decreasing very briskly on our most western coasts later, and gradients increasing in that region. Norwegian disturbance travelling eastwards, and considerable modification taking place in pressure over the English Channel region and Germany.

Monday, 19th February, 1906.

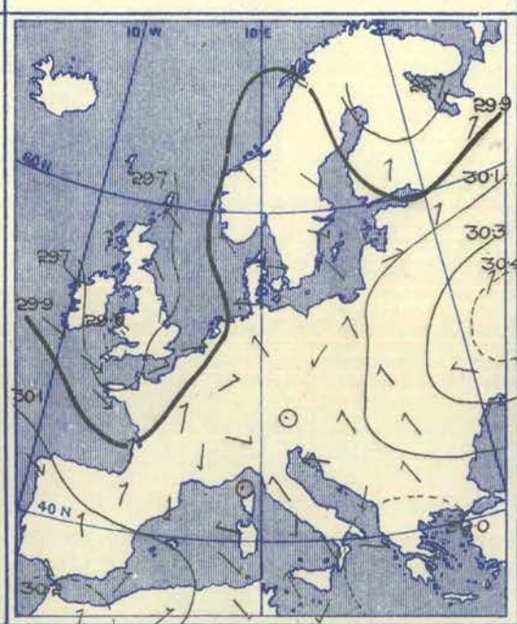
Temperature and Weather. 8 a.m.



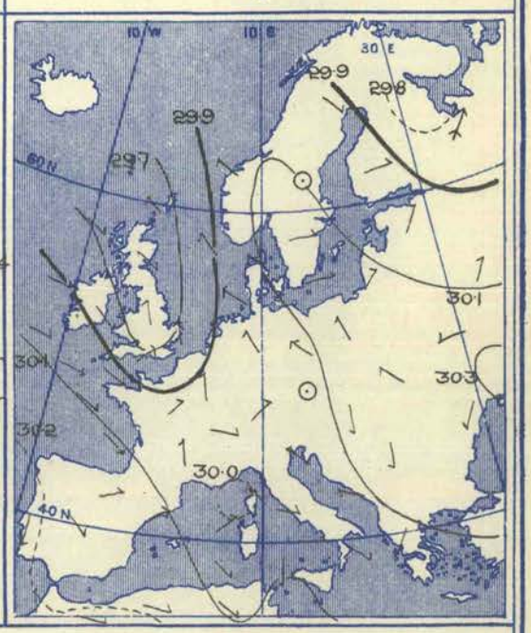
WEATHER at 8 a.m. cloudy or overcast over our area generally, but fine and bright over Sweden, Italy, and the south-east of France. Showers or steady rain reported from some of our own western and south-western stations, as well as in Brittany, Belgium, at Berlin, Bilbao, Lisbon, and Algiers, and snow in the extreme north-east of our area. Nearly 2·0 ins. of rain falling at San Fernando later, and considerable quantities at other stations in the south. Rain, mostly in small amounts, also falling over the United Kingdom.

TEMPERATURE changed irregularly, risen over our Islands. Morning readings ranging from 54° at Oran and 53° at Malta and Lisbon, to below 40° generally, and to below 32° in many Continental regions. Lowest figures, 14° at Karlstad and Archangel, 6° at Moscow, and -1° at Kieff. Thermometer rising to rather above 60° during day at Sfax and Patras, and to about 60° at many southern stations. Maxima above 50° over the greater portion of France, and above 45° in most parts of this country.

Barometer and Wind. 8 a.m.



6 p.m.

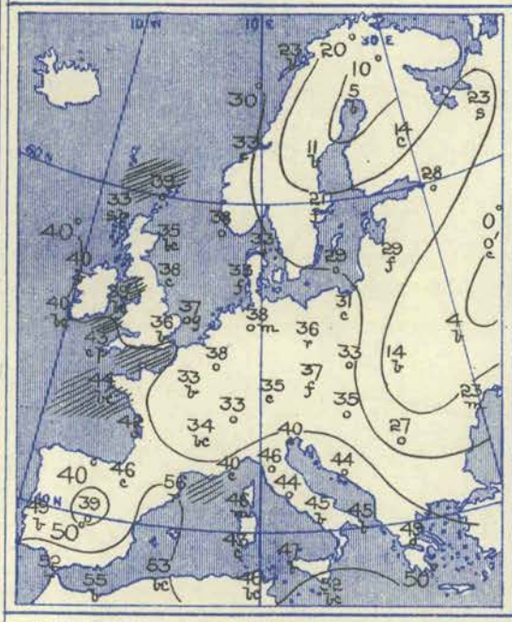


WIND in morning fresh to strong from North-West over Ireland, the Scilly Isles, and at Brest, and light to fresh from the South-Eastward or Southward over Great Britain. Light and variable airs prevailing over our area as a whole, but a North-Westerly current blowing over Sweden. North-Westerly winds extending to all our west and south-west coasts later, and increasing to a slight gale in places. Moderate to fresh South-Easterly breezes springing up on the eastern shores of the North Sea.

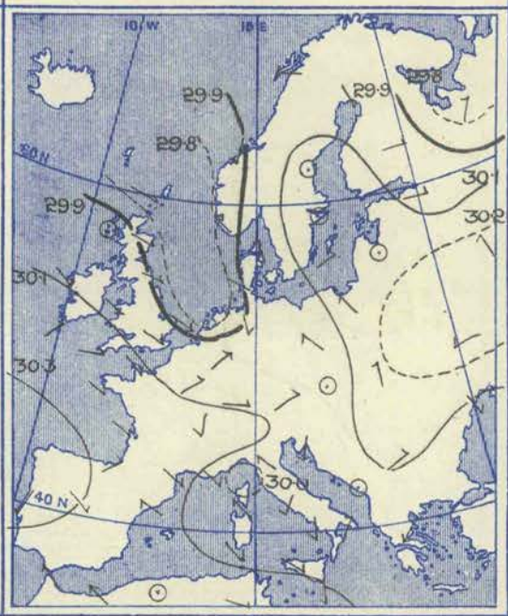
BAROMETER at 8 a.m. above 30·4 ins. over the central regions of Russia, and above 30·2 ins. over Morocco and the adjacent parts of Spain. Below 29·7 ins. in a depression over the north of Finland, and less than 29·5 ins. in other minima over the western districts of the United Kingdom. Depressions travelling eastward later, and pressure increasing quickly in the north of Sweden and also over our own western districts. Gradients becoming rather steep on our west and south coasts.

Tuesday, 20th February, 1906.

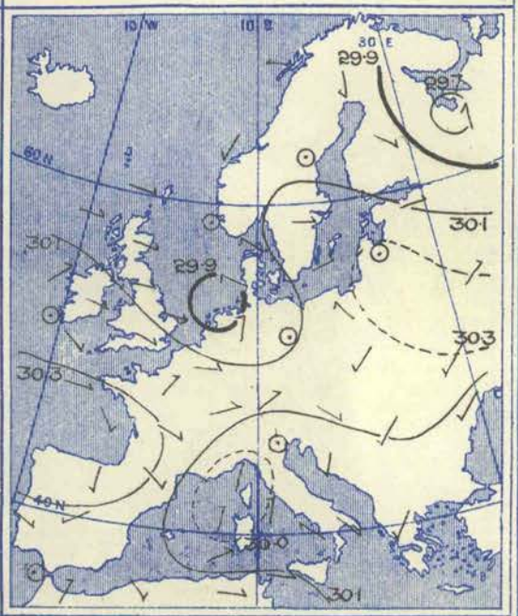
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine and bright in most parts of our Islands, France, southern Europe, and Algeria, as well as in the north of Scandinavia and Little Russia. Cloudy or overcast elsewhere, with rain at Spurn Head, Flushing, Berlin, Bilbao, and San Fernando, and snow at Nicolaieff and Archangel, and slight showers of snow in the Hebrides. Heavy rain falling later at Barcelona, Nice, and in various parts of Italy, and considerable amounts in the Low Countries.

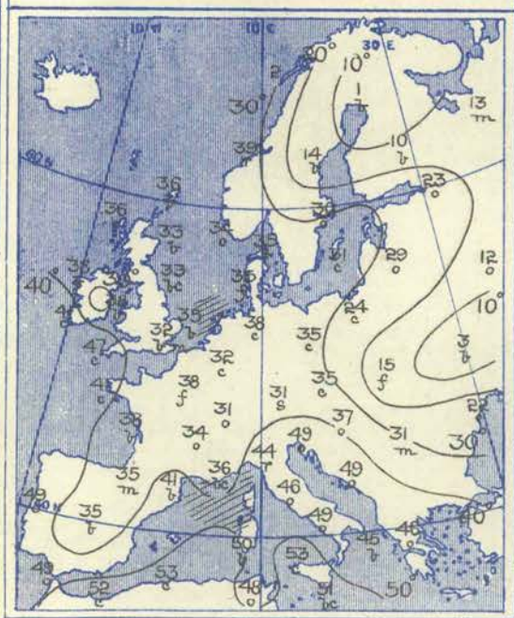
TEMPERATURE fallen in all the western and northern countries, risen or changed irregularly elsewhere. Readings in morning ranging from above 50° at a few stations in the extreme south of our area, to below 40° as a whole, and to below 32° in the north-east and east. Lowest values, 5° at Uleaborg, 4° at Kieff, and zero at Moscow. Rising later to 64° at Nemours, 63° at Palermo and San Fernando, and to about 55° at several other southern stations. Severe frost continuing all day in Russia, and thermometer only rising to the freezing point at Lemberg.

WIND in morning moderate to fresh or strong from the North-Westward over the United Kingdom and France, and from the South-Eastward on the shores of the North Sea. A separate cyclonic circulation shown over the Gulf of Genoa and its neighbourhood, and light anticyclonic airs over Russia and the Bay of Biscay. No decided change later as a whole, but a South-Westerly breeze setting in on the north-west of Ireland.

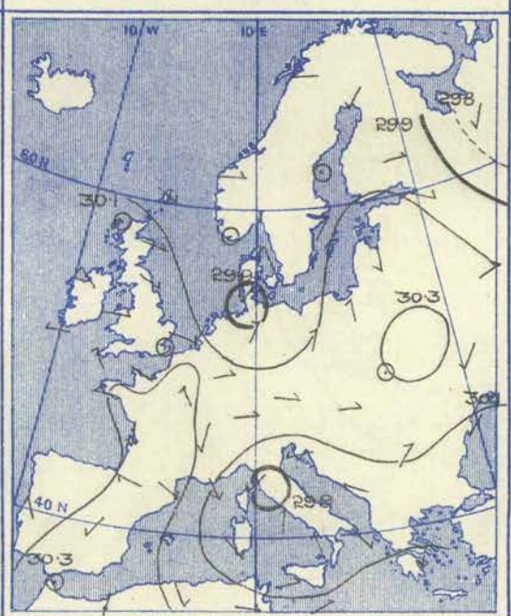
BAROMETER in morning above 30·3 ins. in an anticyclone extending from the Atlantic to the Bay of Biscay, and above 30·2 ins. in another system over Russia. Below 29·95 ins. in a small disturbance over the Gulf of Genoa, and less than 29·8 ins. in a larger system extending from the northward down the North Sea to the Dutch coast. South-western high pressure extending eastwards during day, and barometer rising over the whole of the United Kingdom and its vicinity. North Sea depression becoming less deep.

Wednesday, 21st February, 1906.

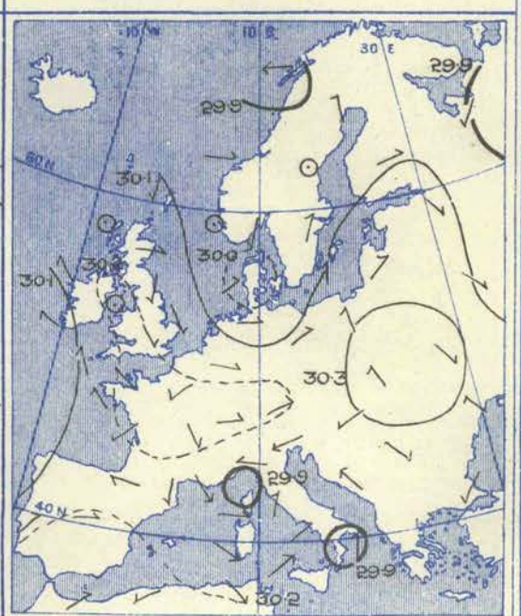
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fair or fine over the greater portion of our area, but dull in Denmark and the surrounding regions, and also at several stations in Italy and Portugal. Rain falling at Oporto and snow at Skagen, Munich, and Nicolaieff. As much as 2·4 ins. of rain at Pesaro later, and 0·6 in. at Naples, but conditions continuing dry as a whole.

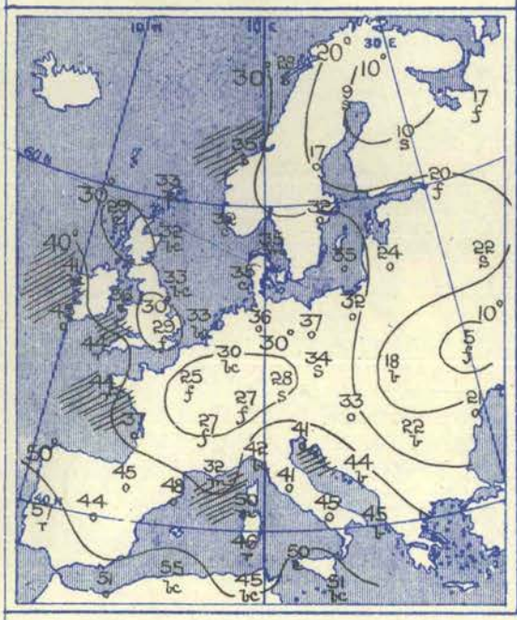
TEMPERATURE fallen generally, but risen in places. Readings at 8 a.m., 50° or slightly higher at a few stations in the far south, but below 35° over our area generally, and less than 20° in many north-eastern and eastern localities. Lowest readings, 7° at Kharkoff, 3° at Kieff, and 1° at Haparanda. Maxima during day, 51° at Jersey, about 55° at some stations in the extreme south of Europe, and 66° at Oran and Sfax. Frost continuing very severe in the north and north-east.

WIND in morning showing two complete cyclonic circulations—one around Schleswig, and the other over the north of Italy and its vicinity. Light anticyclonic airs prevailing over the eastern half of our area, and light breezes, mainly between East and South, in Ireland and the south-west of England. South-Easterly current extending slowly over our western districts during day, but little other change taking place.

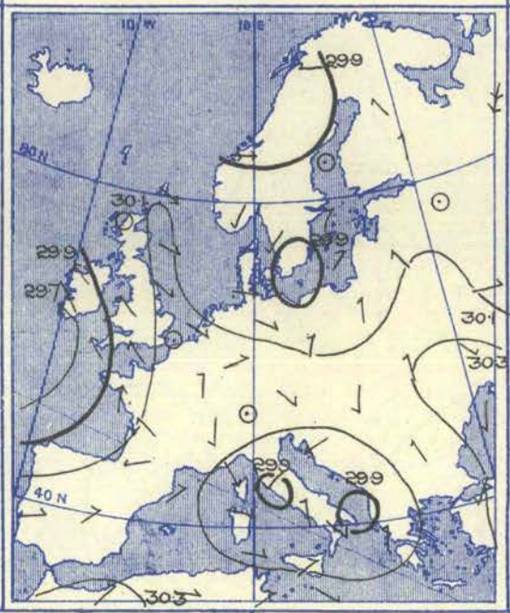
BAROMETER at 8 a.m. above 30·1 ins. to 30 3 ins. in a very irregularly shaped area extending from the Bay of Biscay across central Europe to Russia. Below 29 9 ins. in a depression centred near Genoa and also in another system having its minimum over Sylt, and below 29 8 ins. in the extreme north of Russia in the neighbourhood of the White Sea. Little change later except a rather decided fall of the barometer on our most western and south-western coasts.

Thursday, 22nd February, 1906.

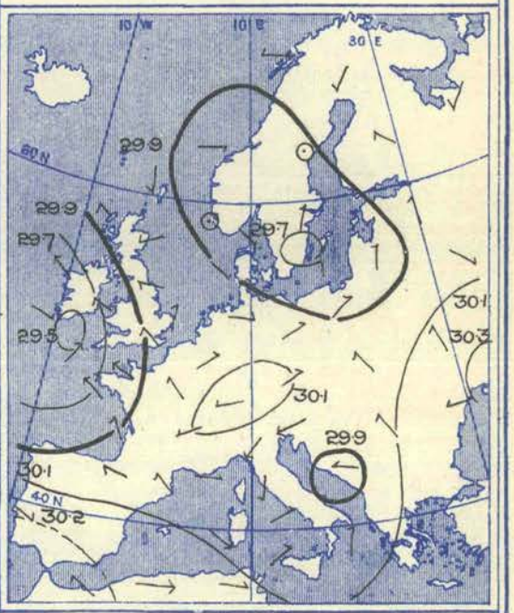
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine and bright over the east of the United Kingdom and in most parts of the Mediterranean region; cloudy or overcast as a whole, with rain in Portugal, Brittany, the Scilly Isles, and at Cagliari, and snow in several parts of central and northern Europe, and also at Moscow. Fog prevailing at some English and French stations. Heavy rain experienced later in the west of France and the south-west and west of this country, and various amounts of snow in the north of our area.

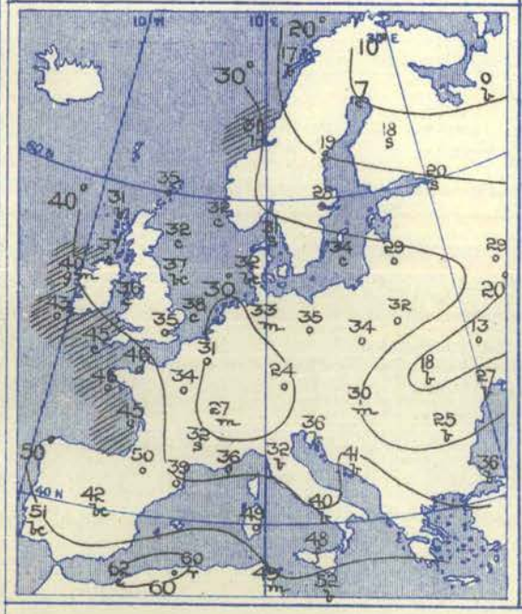
TEMPERATURE fallen in most places, but risen in the extreme west and at several stations in the north of Europe. Morning readings ranging from 57° at Lisbon and 55° at Algiers, to below 32° in many parts of Great Britain and the more northern regions of the Continent. Lowest values, 9° at Haparanda, 5° and Kieff, and −1° at Kharkoff. Thermometer rising to about 65° on the coast of Algeria by the afternoon, to 63° at Malta, and to above 50° in the south generally, as well as at Valencia Island.

WIND at 8 a.m. moderate to strong from the South-Eastward over the Bay of Biscay and all the south-western parts of our Islands, and light from the North-Westward along the east coasts of Britain. Complete cyclonic circulation prevailing over the north of Norway, Denmark, and southern Europe. A fresh Westerly gale reported from Christiansund, and a moderate Easterly gale from Trieste. South-Easterly current extending to nearly all parts of the United Kingdom during day.

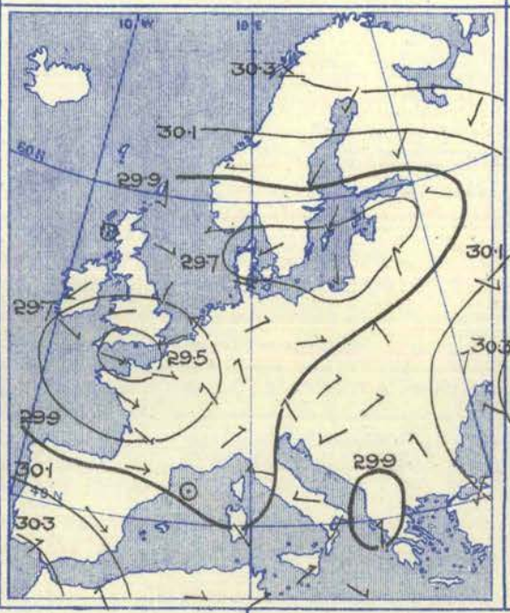
BAROMETER in morning above 30·3 ins. over the south of Russia, and not much lower over France and Bavaria. Below 29·9 ins. in depressions shown in the north of Norway, over Denmark, and in Italy or its neighbourhood, and less than 29·7 ins. in a deeper system lying off our own south-west coasts. Considerable modification taking place later in the distribution of pressure on the Continent; Atlantic disturbance moving eastwards. Danish depression travelling eastwards and increasing somewhat in depth.

Friday, 23rd February, 1906.

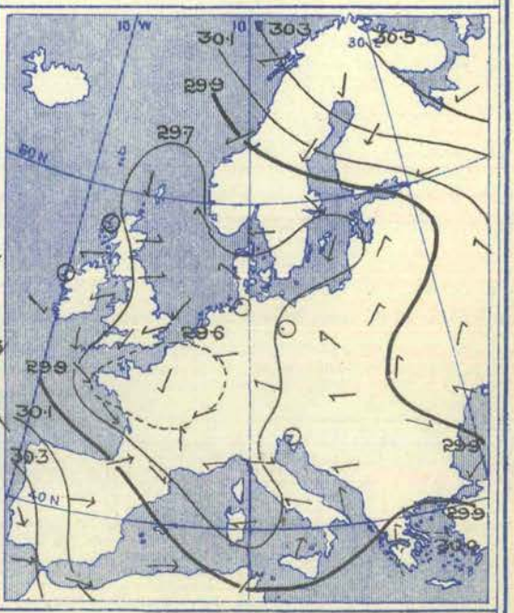
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. in a changeable and cloudy condition generally, but fine and bright in Italy. Rainy in the south and south-east of England, at Oporto, Cape Sicié, and Algiers, and snow falling at Oxford, Cracow, and Skagen, as well as in several parts of Finland and Sweden. Some rain, sleet, or snow experienced in most regions later—heaviest at Biarritz, Pesaro, and Cape Sicié.

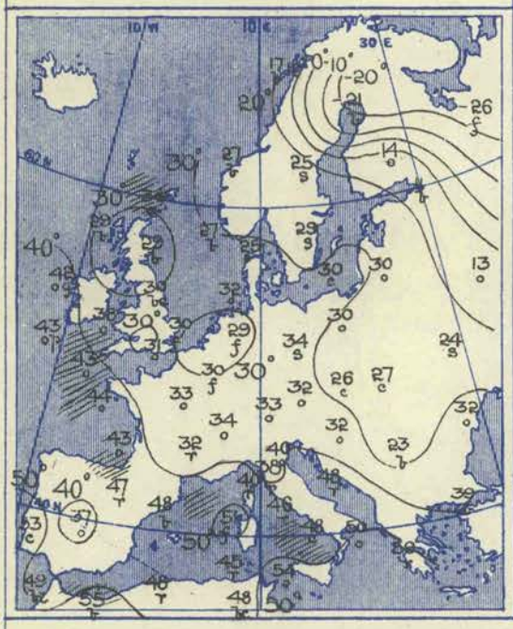
TEMPERATURE risen in most places, but fallen in Germany, Holland, and at various stations in the north of Europe. Morning readings about 60° on the Algerian coast, 52° at Malta, and 50° at Biarritz; below 40° generally, and below 32° over the east and north of our area and also in the central countries. Lowest readings, 13° at Kharkoff, and 7° at Haparanda. Maxima during day low generally, but thermometer rising to above 50° over the region of the Mediterranean, and to above 60° in Algeria.

WIND at 8 a.m. showing three separate cyclonic circulations, the most important being over this country and its vicinity. Easterly current blowing freshly or strongly at some English and Irish stations, but not much force as a whole. Easterly current increasing considerably in strength over Scandinavia and Finland by evening. No change over our area generally.

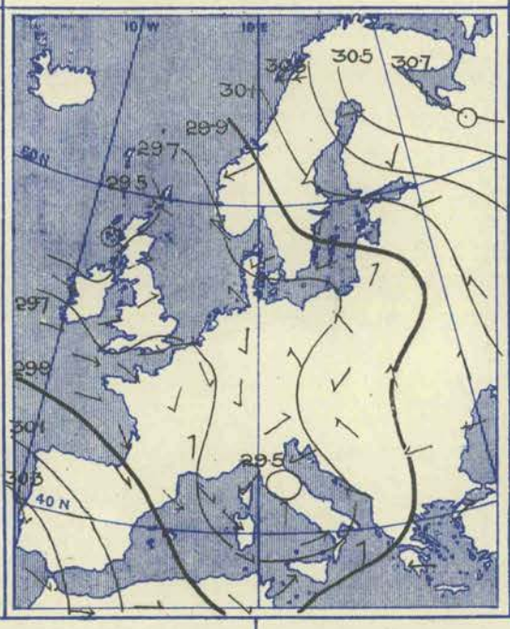
BAROMETER in morning above 30·3 ins. in the extreme north of our area, as well as in the extreme south-east and south-west. Below 29·9 ins. in a depression over the southern portion of the Adriatic, below 29·7 ins. in an irregularly shaped system over the Baltic and Denmark, and less than 29·5 ins. in a third having its centre near Plymouth. Pressure increasing decidedly on our west and south-west coasts later, and depression travelling away eastwards; mercury falling slowly over our northern and eastern districts, and high pressure in the extreme south-east of Europe giving way. Barometer rising and becoming highest in the north of Russia.

Saturday, 24th February, 1906.

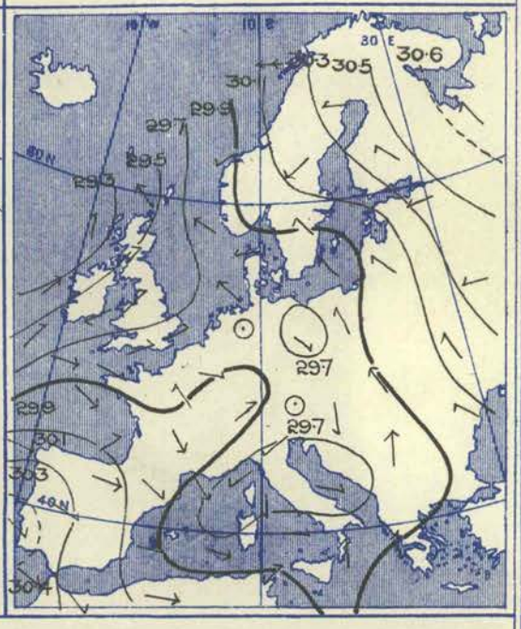
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fair or fine in a few localities, but overcast as a whole, with rain over Italy and in several other parts of the Mediterranean region, in the north of Spain and Portugal, and at some of our own western and south-western stations, and snow in Sweden and North Germany, as well as in Little Russia. Precipitation becoming very general during the ensuing twenty-four hours; as much as 1·20 ins. of rain at Patras.

TEMPERATURE changed irregularly, fallen in most places. Readings in morning extremely low in the far north of Europe; −26° at Archangel and −21° at Haparanda. Increasing to 11° at St. Petersburg and 13° at Moscow and Kharkoff. A little below the freezing point in many parts of central Europe and Great Britain and only 38° at Florence; about 50° at a few southern stations, and 54° at Malta, 55° in the west of Algeria. Maxima above 60° in the latter region and also at Athens, and above 50° in the south generally. Thermometer not rising above 1° at Haparanda.

WIND at 8 a.m. very variable, the chief cyclonic movements being shown over Italy and its neighbourhood and over central Europe. An Easterly gale prevailing at some Scandinavian stations, but force less than a fresh breeze as a whole. Increasing to a strong breeze from South-West or South later on our own west and north-west coasts, and to a gale in places during the night.

BAROMETER in morning above 30·7 ins. over the Arctic regions of Russia and above 30·3 ins. in the extreme south-west of our area. Below 29·5 ins. off our north-west coasts and very little higher over the central countries and Italy. Pressure increasing over the latter regions during day, but falling very decidedly in the west and north of these Islands under the influence of an extensive and deep cyclonic disturbance advancing from the Atlantic. High pressure over Spain maintaining its position and increasing somewhat in intensity.

IV.—BRIGHT SUNSHINE Values for the Week, in addition to those on page 44.

	STATIONS.	No. of Hours recorded.	Difference from the Mean for the Week.	Percentage of Possible Duration	Difference from the Mean for the Week.
1.	Crathes	39·2	—	57	—
	Balruddery	38·6	—	56	—
2.	Saltburn-by-the-Sea	36·3	—	52	—
3.	Cromer	22·2	—	31	—
	Dunmow	14·3	—	20	—
	London, Bunhill Row	11·8	+ 2·7	16	+ 4
4.	Sheffield	17·8	—	25	—
5.	Margate	14·6	− 4·9	20	− 7
	Ramsgate	20·4	—	28	—
	Eastbourne	23·9	+ 2·9	33	+ 4
	Brighton	24·0	+ 2·5	33	+ 3
	Worthing	23·0	—	32	—
	Bognor	23·2	—	32	—
	Ventnor Hospital	20·3	− 2·5	28	− 4
7.	Southport	25·4	—	36	—
	Rhyl	28·1	—	40	—
	Aberdovey	29·0	—	41	—
8.	Aberystwyth	28·7	—	40	—
	Tenby	24·3	+ 2·0	34	+ 3
	Torquay	27·3	+ 5·4	38	+ 7
	Newquay	33·0	+ 10·9	46	+ 15

V.—OBSERVATIONS IN THE UPPER AIR.—Temperature, Humidity and Wind Velocity.

Date of Observation.	Station and its Height above M.S.L.		Heights in feet above Mean Sea Level. Ground Level.	1,660.	3,320.	5,000.	6,660.	8,320.	10,000.	Remarks.
1906. February 19th 10.0 a.m.— 11.50 a.m.	Oxshott, 200 ft.	Temperature F.	43°	37°	32°	27°				One kite. Wire 7,200 ft. Cloud level 1,700 ft. Wind SSW., 55 m. per hour just above the cloud level. Clear morning. Rain began at 11 a.m.
		Humidity	80	100	90	90				
		Wind Velocity, m. per hr.	SSE, 12	S, 45	S, 40	S by E, 35				
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								
February 20th 2.10 p.m.— 5.40 p.m.	Oxshott, 200 ft.	Temperature F.	42°	35°	27°	21°				One kite. Wire 7,000 ft. Cloud level variable, but generally above 5,000 ft. Cumulus with occasional soft hail. Clear by 5 p.m.
		Humidity	60	70	85	95				
		Wind Velocity, m. per hr.	W, 8	W by N, 25	WNW, 30	WNW, 33				
		Temperature F.								
		Humidity								
		Wind velocity, m. per hr.								
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								

63, Victoria Street, London, S.W.
February 28th, 1906.

W. N. SHAW
Director.

WEEKLY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE,

AND PUBLISHED FOR H.M. STATIONERY OFFICE BY WYMAN AND SONS, LTD., FETTER LANE, E.C., AND 32, ABINGDON STREET, WESTMINSTER, S.W.; OR OLIVER AND BOYD, EDINBURGH; OR E. PONSONBY, 116, GRAFTON STREET, DUBLIN.

SUPPLIED FOR THE PUBLIC SERVICE

TWENTY-NINTH YEAR. Vol. XXIII. (New Series.) } No. 9. NINTH WEEK, ENDING SATURDAY, MARCH 3RD, 1906. [Price 6d. Annual Subscription post paid £1 10s. 0d.

I.—GENERAL REMARKS.

Weather was of a variable type; more or less rain, sleet, or snow fell on most days, but there were frequent intervals during which the sun shone brightly. Thunder was heard at Swarraton on Monday morning.

Temperature was below the average generally—as much as 3° in the north and east of Scotland, but just equal to the normal in England E. and slightly above it in England S. and S.W. and the Channel Islands. The highest of the maxima occurred on varying dates, and ranged from 55° in the south and south-west of England and the south of Ireland, to 48° in the west and north of Scotland. The absolute minima, which were mostly registered either at the beginning or end of the period, were as low as 18° at Scotland E. (at Balmoral), but elsewhere varied from 22° in the Midland Counties and 23° in Scotland N., to 28° in Ireland, and to 36° in the Channel Islands.

Rainfall somewhat exceeded the average in most districts, but was less in Scotland E., England S., and Ireland S., and about equal to it in England E. and Scotland W.

Bright Sunshine differed little from the average, the aggregate number of hours being only slightly higher or lower than the normal. The percentage of the possible duration ranged from 35 in Scotland E. and England S., and 33 in Ireland N., to 27 in the Midland Counties and England N.W., and to 22 in Scotland N.

Barometer and Wind. During the earlier half of the week the barometer was highest in the south of France and its neighbourhood, while depressions travelled eastwards either across the United Kingdom or in its immediate vicinity. The Southerly to Westerly winds, which consequently prevailed, blew with considerable force on Sunday, and in some places attained the strength of a gale. Towards the end of the period a change in the distribution was brought about by a very brisk increase of pressure in the northern and western districts in the rear of a cyclonic system. The rise spread quickly southwards, until by Saturday morning the barometer was highest over our southern counties, and the wind, after having blown from some point between North-East and North-West, had again become South-Westerly or Westerly.

SUMMARY OF TEMPERATURE, RAINFALL, AND DURATION OF BRIGHT SUNSHINE IN THE UNITED KINGDOM, FOR AGRICULTURAL AND SANITARY PURPOSES.

THE WEEK (9th)—February 25th to March 3rd, 1906.

DISTRICTS. (See p. 50.)	Temperature. Highest.	Lowest.	Means of: Daily Max.	Daily Min.	Daily Mean.	Difference from Av. (35 Yrs.)	Accumulated. Number of Day-Degrees. Above 42°	Difference from Av. (25 Yrs.)	Below 42°	Difference from Av. (25 Yrs.)	Rainfall. Number of Rain-Days.	Diff. from Av. (35 Yrs.)	Total Fall.	Difference from Average (35 Yrs.)	Sunshine. Hours recorded.	Diff. from Av. (25 Yrs.)	Percentage of Possible Duration.	Diff. from Av. (25 Yrs.)
	°	°	°	°	°	°	Day-deg.	Day-deg.	Day-deg	Day-deg.	6		Inches.	Inches.	16		%	%
0. SCOTLAND, NORTH ..	48	23	41·0	29·2	35·1	− 3·2	0	− 8	48	+ 13	6	+ 1	1·41	+0·38	16	− 2	22	− 2
Eastern 1. SCOTLAND, EAST ..	51	18	42·5	28·6	35·6	− 2·9	1	−11	48	+ 10	4	0	0·21	−0·34	26	+ 3	35	+ 3
Eastern 2. ENGLAND, N.E. ..	53	27	43·9	32·1	38·0	− 1·8	5	− 8	36	+ 5	4	0	0·52	+0·12	24	+ 2	32	+ 3
Eastern 3. ENGLAND, EAST ..	50	27	46·2	34·4	40·3	0·0	12	− 4	30	− 3	4	0	0·37	0·00	22	+ 1	30	+ 2
Eastern 4. MIDLAND COUNTIES	54	24	46·2	33·0	39·6	− 0·6	12	− 5	34	+ 1	5	+ 2	0·63	+0·18	20	0	27	0
Eastern 5. ENGLAND, SOUTH ..	55	22	47·9	35·9	41·9	+ 0·7	17	− 1	25	− 1	4	0	0·31	−0·15	26	+ 4	35	+ 5
Western 6. SCOTLAND, WEST ..	48	27	44·4	32·7	38·6	− 1·7	7	− 5	35	+ 8	5	+ 1	0·94	−0·01	21	+ 2	28	+ 3
Western 7. ENGLAND, N.W. ..	54	26	44·7	34·1	39·4	− 1·3	8	−10	30	+ 4	5	+ 1	0·84	+0·28	20	+ 1	27	+ 1
Western 8. ENGLAND, S.W. ..	55	25	47·7	36·8	42·3	+ 0·5	24	+ 4	15	− 5	5	+ 1	0·71	+0·02	23	− 1	31	− 1
Western 9. IRELAND, NORTH ..	52	28	46·0	34·1	40·0	− 1·4	11	− 6	30	+ 7	6	+ 1	0·80	+0·18	24	+ 5	33	+ 7
Western 10. IRELAND, SOUTH ..	55	28	49·5	36·6	43·1	− 0·1	30	+ 7	15	− 3	5	+ 1	0·48	−0·30	23	− 1	30	− 2
11. CHANNEL ISLANDS..	52	36	49·1	41·2	45·2	+ 0·5	26	0	2	− 7	6	+ 2	0·87	+0·27	23	− 4	31	− 5

THE SEASON (**Winter**).—Aggregates, &c., for the Period of 13 Weeks, December 3rd, 1905, to March 3rd, 1906.

0. SCOTLAND NORTH ..	55	12	•	•	•	•	82	−17	396	− 43	72	+ 9	17·17	+2·63	123	+ 8	18	+ 1
Eastern 1. SCOTLAND, EAST ..	56	11	•	•	•	•	107	− 7	394	−116	51	+ 1	6·58	−1·26	198	+39	28	+ 5
Eastern 2. ENGLAND, N.E. ..	56	24	•	•	•	•	111	−14	330	−100	44	− 2	4·51	−1·23	194	+23	26	+ 3
Eastern 3. ENGLAND, EAST ..	57	23	•	•	•	•	106	−34	354	−123	50	+ 1	6·45	+0·99	190	+20	25	+ 3
Eastern 4. MIDLAND COUNTIES	57	19	•	•	•	•	122	−33	371	−115	50	+ 3	6·58	+0·05	176	+21	23	+ 3
Eastern 5. ENGLAND, SOUTH ..	57	20	•	•	•	•	184	− 2	266	− 95	55	+ 7	8·20	+1·04	207	+31	26	+ 4
Western 6. SCOTLAND, WEST ..	54	14	•	•	•	•	135	−11	264	− 82	63	+ 5	14·03	−0·37	174	+40	24	+ 5
Western 7. ENGLAND, N.W. ..	57	21	•	•	•	•	145	−12	249	− 99	54	+ 2	9·55	+0·36	175	+36	23	+ 5
Western 8. ENGLAND, S.W. ..	55	20	•	•	•	•	227	−13	232	− 31	57	+ 3	13·16	+2·25	203	+24	26	+ 3
Western 9. IRELAND, NORTH ..	54	24	•	•	•	•	190	+ 1	217	− 93	75	+12	11·54	+1·69	185	+33	25	+ 4
Western 10. IRELAND, SOUTH ..	56	24	•	•	•	•	318	+34	169	− 65	68	+10	11·04	−1·13	180	− 5	23	− 1
11. CHANNEL ISLANDS..	55	27	•	•	•	•	361	− 1	46	− 55	67	+ 9	10·00	+0·06	235	+18	29	+ 2

THE YEAR.—Aggregates, &c., for the period of 9 Weeks, December 31st, 1905, to March 3rd, 1906.

0. SCOTLAND, NORTH ..	52	12	•	•	•	•	18	−48	341	+ 19	52	+10	13·08	+3·39	103	+ 9	20	+ 2
Eastern 1. SCOTLAND, EAST ..	56	11	•	•	•	•	37	−44	330	− 35	36	+ 2	4·99	−0·13	163	+35	31	+ 7
Eastern 2. ENGLAND, N.E. ..	56	24	•	•	•	•	56	−28	261	− 46	37	+ 6	4·08	+0·46	155	+19	28	+ 3
Eastern 3. ENGLAND, EAST ..	54	23	•	•	•	•	78	−17	249	− 92	41	+ 8	5·60	+2·11	157	+26	28	+ 5
Eastern 4. MIDLAND COUNTIES	57	19	•	•	•	•	79	−29	276	− 69	40	+ 7	5·91	+1·62	141	+26	25	+ 5
Eastern 5. ENGLAND, SOUTH ..	55	20	•	•	•	•	133	+13	201	− 61	45	+12	7·46	+2·81	176	+39	31	+ 7
Western 6. SCOTLAND, WEST ..	52	14	•	•	•	•	61	−33	233	− 23	45	+ 6	10·62	+1·53	143	+38	26	+ 7
Western 7. ENGLAND, N.W. ..	57	21	•	•	•	•	77	−25	207	− 47	43	+ 8	8·56	+3·08	130	+19	24	+ 4
Western 8. ENGLAND, S.W. ..	55	20	•	•	•	•	152	− 3	180	− 16	47	+11	11·58	+4·53	159	+28	28	+ 5
Western 9. IRELAND, NORTH ..	54	24	•	•	•	•	98	−29	206	− 18	55	+13	8·67	+2·31	148	+30	27	+ 6
Western 10. IRELAND, SOUTH ..	56	24	•	•	•	•	188	− 1	162	− 6	52	+12	8·77	+0·76	150	+ 7	27	+ 1
11. CHANNEL ISLANDS..	55	27	•	•	•	•	240	+13	43	− 39	54	+15	8·63	+2·29	185	+19	32	+ 3

Bright Sunshine.—For certain of the Districts the values of Bright Sunshine in this Table are based on the records from a part only of the Stations included in the Tables under II. and IV. For certain of the Stations Mean Values are not available, and for the Districts containing these Stations the "Difference from Average" is based on the records from a smaller number of Stations than those supplying the values for "Hours Recorded."

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II.—DATA from which the SUMMARY on page 49 has been calculated.

February 25-March 3, 1906.		Temperature. In Degrees Fahrenheit.								Rainfall.			Bright Sunshine.			
				Averages for the Week.			Difference of Daily Average from Mean for the Week.	Accumulated Heat for the Week (in Day-degrees).								
Districts.	Names of Stations.	Highest observed.	Lowest observed.	Of Highest each day.	Of Lowest each day.	For whole of each day.		Above 42°	Below 42°	Number of Rain-Days.	Rainfall in the Week.	Difference from the Mean for the Week.	Number of Hours recorded.	Difference from the Mean for the Week.	Percentage of possible duration.	Difference from the Mean for the Week.
		°	°	°	°	°	°	Day-deg	Day-deg		Inches.	Inches.	Hrs.	Hrs.	%	%
0. SCOTLAND, N.	†Sumburgh Head (Deerness)	45	25	39·3	29·9	34·6	− 3·8	0	52	7	0·90	+ 0·29	20·2	+ 2·0	29	+ 3
	Wick	48	26	43·0	28·7	35·9	− 2·6	3	48	6	1·09	+ 0·59	*	*	*	*
	†Lairg (Strathpeffer)	47	23	41·1	27·0	34·1	− 2·3	0	55	7	2·29	+ 1·56	9·1	− 8·7	13	− 12
	Stornoway	48	27	41·0	30·6	35·8	− 3·6	0	43	7	2·65	+ 1·73	17·3	− 1·7	24	− 2
	Glencarron	43	25	39·3	27·9	33·6	− 3·9	0	59	7	1·13	− 0·65	*	*	*	*
	Fort Augustus	48	27	41·9	29·6	35·8	− 3·1	0	43	6	0·77	− 0·18	15·4	+ 1·6	21	+ 2
	Fort William	46	25	41·7	30·5	36·1	− 3·4	0	41	4	1·04	− 0·60	*	*	*	*
1. SCOTLAND, E.	Nairn	51	23	42·4	27·9	35·2	− 3·4	1	50	6	0·40	0·00	*	*	*	*
	Aberdeen	49	27	42·7	30·6	36·7	− 2·3	2	41	5	0·18	− 0·37	31·4	+ 9·4	44	+ 13
	Balmoral	49	18	39·4	24·0	31·7	− 3·7	0	72	6	0·14	− 0·51	*	*	*	*
	Clathick	51	25	44·0	28·3	36·2	− 2·8	6	50	3	0·34	− 0·40	*	*	*	*
	†Leith (Edinburgh)	47	27	44·1	31·7	37·9	− 2·6	6	38	2	0·07	− 0·29	12·4	− 4·9	17	− 7
	Marchmont	45	26	42·4	29·3	35·9	− 2·3	1	45	1	0·12	− 0·44	23·5	+ 3·1	32	+ 4
2. ENGLAND, N.E. — Northern part.	†Alnwick Castle (Cockle Park)	48	27	44·1	30·6	37·4	− 1·9	6	42	4	0·31	− 0·23	28·6	—	39	—
	†Shields (Newcastle)	53	27	44·3	30·6	37·5	− 2·5	6	42	6	0·36	− 0·03	19·8	+ 4·0	27	+ 6
	Durham	51	27	43·2	31·2	37·2	− 1·8	3	39	3	0·23	− 0·17	25·3	+ 4·9	35	+ 7
	Scarborough	49	31	44·6	34·2	39·4	− 0·8	7	29	3	0·25	− 0·18	24·8	—	34	—
	York	49	30	44·5	32·7	38·6	− 1·6	7	34	6	0·64	+ 0·24	17·1	− 1·0	23	− 1
2. ENGLAND, N.E. — Southern part.	†Spurn Head (Skegness)	46	32	42·7	34·3	38·5	− 1·4	2	27	2	0·73	+ 0·43	23·6	—	32	—
	Lincoln	49	29	44·4	31·4	37·9	− 2·3	7	39	5	0·38	+ 0·46	*	*	*	*
	†Fulbeck (Rauceby)	47	28	43·4	31·6	37·5	− 2·3	4	37	5	0·81	+ 0·43	23·1	—	31	—
3. ENGLAND, E. — Northern part.	Hillington	48	28	45·7	32·8	39·3	− 0·6	10	35	3	0·83	+ 0·39	21·0	− 0·4	28	− 1
	†Yarmouth (Lowestoft)	47	29	44·3	34·1	39·2	− 0·2	6	29	5	0·59	+ 0·22	25·4	—	34	—
	Geldeston	49	29	46·6	34·1	40·4	+ 0·2	13	31	6	0·45	+ 0·11	22·1	− 0·9	30	− 1
3. ENGLAND, E. — Southern part.	Cambridge	49	27	46·9	33·9	40·4	0·0	14	32	5	0·44	+ 0·11	21·9	− 0·8	29	− 1
	Felixstowe	47	29	45·5	34·0	39·8	− 0·7	10	31	5	0·36	—	24·9	—	33	—
	Clacton-on-Sea	49	31	45·0	35·0	40·0	− 0·6	8	27	4	0·20	—	21·9	—	29	—
	Rothamsted	49	27	46·2	34·0	40·1	+ 0·6	12	31	6	0·27	− 0·17	21·2	0·0	28	0
	†Shoeburyness (Southend)	50	30	47·0	35·1	41·1	+ 0·1	14	28	4	0·15	− 0·14	23·2	—	31	—
	London, Westminster	50	30	48·3	36·4	42·4	+ 0·9	26	16	2	0·08	—	20·3	+ 8·4	27	+ 11
4. MIDLAND COUNTIES. — Eastern part.	Harrogate	48	26	41·9	30·1	36·0	− 2·9	0	42	6	0·88	+ 0·38	16·9	—	23	—
	†Bawtry (Worksop)	49	32	44·0	34·9	39·5	− 0·8	6	27	6	1·28	+ 0·89	18·0	− 0·4	24	− 1
	Nottingham	49	28	44·7	31·1	37·9	− 2·1	8	40	6	0·97	+ 0·59	16·9	—	23	—
	†Colly Weston (Oundle)	49	28	45·6	31·3	38·5	− 1·6	10	40	6	0·43	+ 0·05	23·4	—	31	—
	Birmingham, Edgbaston	52	30	46·1	34·2	40·2	+ 0·2	11	31	5	0·75	+ 0·34	19·7	—	26	—
	Oxford	50	30	47·9	35·1	41·5	+ 0·6	17	28	4	0·27	− 0·13	22·3	+ 1·5	30	+ 2
4. MIDLAND COUNTIES. — Western part.	Cheadle	49	27	44·4	31·8	38·1	− 0·9	7	37	6	1·50	+ 0·97	*	*	*	*
	Shrewsbury	54	26	48·5	33·5	41·0	− 0·2	18	34	5	0·37	*	*	*	*	*
	Hereford	53	25	49·1	34·1	41·6	+ 0·5	20	33	4	0·20	− 0·25	*	*	*	*
	Cirencester	50	24	47·1	32·6	39·9	+ 0·2	14	37	4	0·14	− 0·36	22·0	+ 0·1	29	0
	Bath	53	28	49·1	34·4	41·8	+ 0·3	20	32	3	0·12	− 0·39	25·5	—	34	—
5. ENGLAND, S.	†London, Brixton (Kew)	50	29	48·7	35·9	42·3	+ 0·8	28	17	3	0·12	− 0·26	26·3	+ 7·7	35	+ 10
	Wisley, Surrey	50	27	47·9	35·5	41·7	+ 1·2	17	27	4	0·14	—	24·7	—	33	—
	Swarraton	52	? 22	47·6	33·3	40·5	+ 0·5	16	35	4	0·31	− 0·25	*	*	*	*
	Tunbridge Wells	50	27	47·2	33·9	40·6	+ 0·3	15	32	3	0·24	− 0·26	28·5	+ 6·9	38	+ 9
	†Dungeness (Littlestone)	50	28	46·9	35·6	41·3	+ 0·4	14	26	4	0·30	− 0·02	25·8	—	34	—
	Hastings	50	33	47·7	37·1	42·4	+ 1·2	23	14	5	0·46	− 0·01	27·9	+ 2·9	37	+ 4
	Southampton	55	30	49·8	37·1	43·5	+ 1·1	31	14	6	0·43	− 0·04	26·5	+ 3·4	35	+ 5
	†Portland Bill (Bournemouth)	50	34	47·1	38·6	42·9	+ 0·2	21	10	5	0·46	—	29·8	—	40	—
6. SCOTLAND, W.	Laudale, Loch Sunart	48	28	46·2	30·7	38·5	− 2·1	12	43	6	2·36	+ 0·76	*	*	*	*
	Glasgow	46	30	42·4	32·9	37·7	− 2·0	1	32	4	0·57	− 0·09	16·5	+ 2·4	23	+ 3
	Dumfries	47	28	44·5	31·4	38·0	− 2·0	7	39	3	0·23	− 0·60	*	*	*	*
	Cally	46	27	43·3	34·3	38·8	− 0·9	4	28	5	1·17	+ 0·24	*	*	*	*
	Douglas, Isle of Man	48	29	45·4	34·4	39·9	− 1·4	10	29	5	0·36	− 0·35	25·2	+ 2·3	34	+ 3
7. ENGLAND, N.W.	Aspatria	45	28	42·3	33·0	37·7	− 1·6	1	32	4	0·42	− 0·18	12·2	—	17	—
	Newton Rigg	49	26	43·1	30·7	36·9	− 1·2	3	40	4	0·35	− 0·35	15·9	− 3·4	22	− 5
	Stonyhurst	46	29	42·3	32·9	37·6	− 1·9	1	32	4	1·14	+ 0·34	15·3	− 3·3	21	− 4
	Blackpool	47	30	43·8	34·5	39·2	− 0·9	5	28	4	0·84	+ 0·31	20·9	+ 1·6	28	+ 2
	Manchester, Prestwich	50	29	44·7	32·9	38·8	− 1·0	8	34	6	1·04	+ 0·48	16·7	+ 2·7	23	+ 4
	†Liverpool Obs. (Hoylake)	52	33	44·4	34·9	39·7	− 1·3	7	27	6	0·79	+ 0·37	24·8	—	34	—
	Hawarden Bridge	54	30	46·9	34·7	40·8	− 0·9	14	29	4	0·94	+ 0·60	*	*	*	*
7. NORTH WALES	Llandudno	51	31	46·7	36·1	41·4	− 1·2	13	24	4	1·26	+ 0·77	26·4	+ 5·4	36	+ 7
	Holyhead	48	35	45·7	37·3	41·5	− 0·9	10	19	4	0·43	− 0·14	*	*	*	*
	Bettws-y-Coed	49	28	47·1	33·7	40·4	− 1·7	14	33	6	1·19	—	16·8	—	23	—
8. SOUTH WALES	Llangammarch Wells	50	25	46·7	32·2	39·5	− 0·9	13	38	5	1·01	—	19·6	—	26	—
	Pembroke	49	34	47·0	38·9	43·0	+ 0·3	20	9	5	0·65	+ 0·05	26·1	+ 2·7	35	+ 4
	Cardiff	55	30	48·8	35·8	42·3	+ 0·5	28	17	4	0·38	− 0·34	*	*	*	*
8. ENGLAND, S.W.	Clifton	52	31	47·3	35·8	41·6	+ 0·3	15	26	4	0·16	− 0·41	*	*	*	*
	†Shaftesbury (Marlborough)	49	30	45·8	34·5	40·2	+ 0·6	11	29	3	0·44	− 0·13	16·6	− 1·9	22	− 3
	Arlington, N. Devon	50	31	46·3	36·0	41·2	+ 0·3	12	24	5	1·58	+ 0·66	*	*	*	*
	Cullompton	52	33	49·0	36·6	42·8	+ 0·5	28	15	5	0·68	+ 0·04	16·8	− 4·9	22	− 7
	Plymouth	52	35	49·1	40·9	45·0	+ 1·7	26	3	5	0·55	− 0·09	22·8	− 1·1	30	− 2
	Falmouth	52	38	48·9	40·8	44·9	+ 0·9	25	3	6	0·93	+ 0·08	28·4	+ 3·4	38	+ 5
9 IRELAND, N. — Western part.	Malin Head	45	34	43·0	36·0	39·5	− 2·5	3	22	7	0·97	+ 0·46	*	*	*	*
	Edenfel	51	29	45·9	32·4	39·2	− 0·7	11	37	5	0·89	+ 0·25	*	*	*	*
	Blacksod Point	50	34	46·1	37·9	42·0	− 1·2	11	11	7	0·38	+ 0·11	*	*	*	*
	Markree Castle	52	28	48·3	32·3	40·3	− 0·9	18	38	5	0·90	+ 0·19	25·5	+ 6·5	35	+ 9
9 IRELAND, N. — Eastern part.	Armagh	51	29	47·1	32·9	40·0	− 0·7	14	35	5	0·67	+ 0·17	22·6	+ 3·6	31	+ 5
	Donaghadee	48	30	45·3	33·0	39·2	− 2·4	9	34	5	0·38	− 0·13	*	*	*	*
10. IRELAND, S. — Eastern part.	†Dublin, City (Phœnix Park)	54	30	49·4	35·6	42·5	− 0·5	30	18	5	0·42	− 0·06	26·3	+ 4·1	36	+ 6
	Kilkenny	55	28	49·6	33·6	41·6	− 0·7	21	35	4	0·20	− 0·39	*	*	*	*
	Waterford	53	30	50·6	36·4	43·5	+ 0·9	34	16	3	0·24	− 0·51	*	*	*	*
10. IRELAND, S. — Western part.	Birr Castle	52	28	47·7	33·3	40·5	− 0·8	16	34	6	0·49	− 0·06	17·5	− 2·5	24	− 3
	Foynes	50	30	48·2	37·3	42·8	− 0·3	25	13	5	1·18	+ 0·48	*	*	*	*
	Killarney	55	31	51·2	37·9	44·6	+ 0·6	35	11	5	0·53	− 0·63	*	*	*	*
	Valencia	51	35	49·1	40·1	44·6	− 0·5	26	5	6	0·59	− 0·52	17·5	− 5·0	23	− 7
	†Roches Point (Ballinacurra)	55	35	50·0	38·6	44·3	+ 0·2	30	10	5	0·16	− 0·73	23·7	—	38	—
11. ENGLISH CHANNEL	Scilly, St. Mary's	51	40	49·3	41·7	45·5	− 0·3	26	1	6	0·72	+ 0·11	20·7	− 5·3	28	− 7
	†Jersey, St. Aubins (St. Heliers)	52	36	49·9	40·9	45·4	+ 1·4	28	3	6	1·01	+ 0·42	24·5	− 3·0	32	− 4
	Guernsey	50	39	48·1	41·0	44·6	+ 0·3	22	3	5	0·89	+ 0·28	23·8	− 3·1	32	− 4

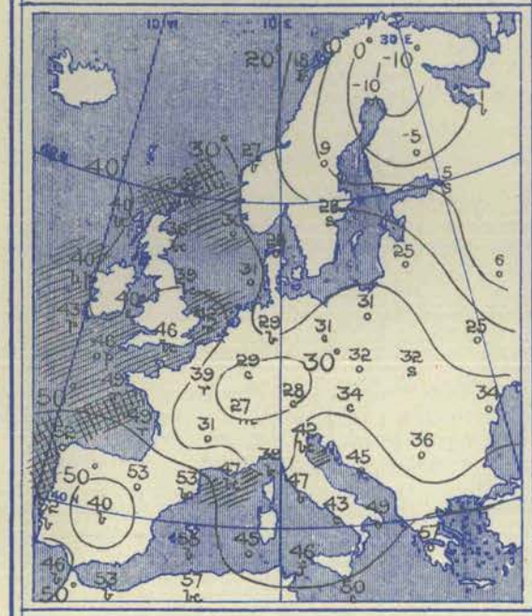
Information for Stations marked ℳ is supplied by the Royal Meteorological Society, and that for Stations marked 𝒮 is supplied by the Scottish Meteorological Society.

* An Asterisk is inserted in all places for which the information is not usually given.

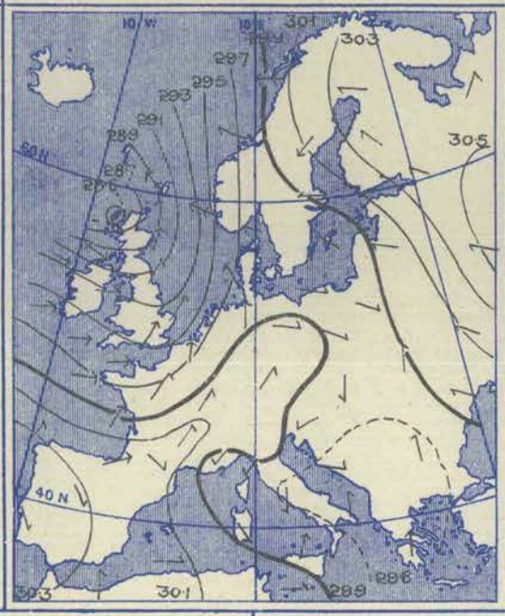
† There is no Sunshine Recorder in use at this Station. The figures entered for Sunshine are those recorded at a neighbouring Station of which the name is given in brackets.

Sunday, 25th February, 1906.

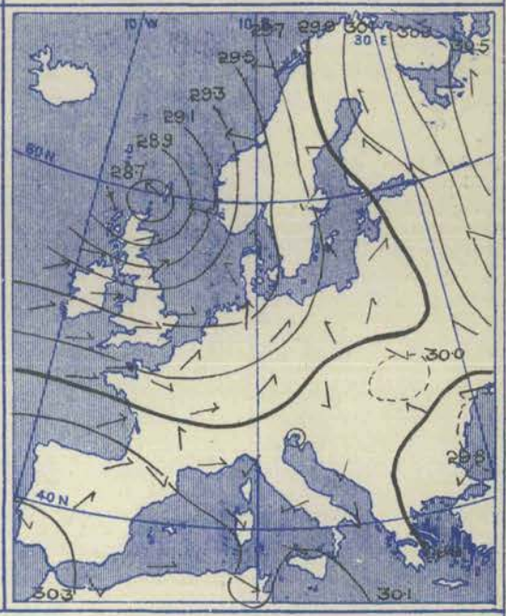
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine in places, mostly in southern or northern Europe; cloudy or overcast as a whole, with rain at Patras, in the north of France, and at some of our own stations, and snow in the south of Sweden and at St. Petersburg. Large quantities of rain falling later in various parts of France, and heavy sleet or snow in the Hebrides and Russia.

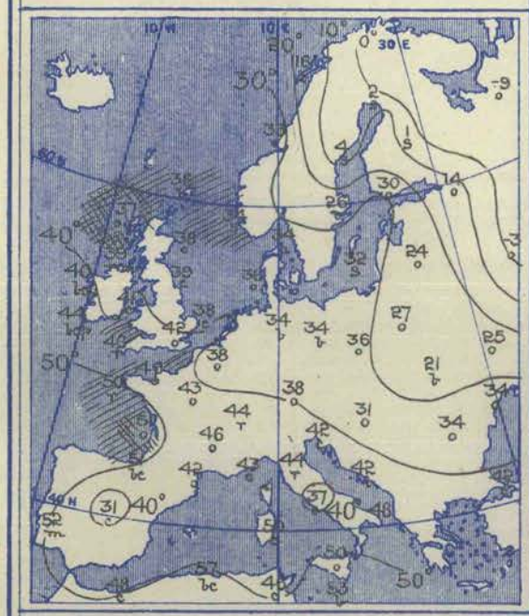
TEMPERATURE in morning showing a decided increase in France, Great Britain, and the extreme north of Europe, but a decrease in several other regions. Readings ranging from 57° at Algiers and Athens, and above 50° at some other stations in the south, to below 30° over the greater part of the Continent, and to below zero at some stations in the far north. Lowest values, −5° at Kuopio and −10° at Haparanda. Maximum at latter station zero, but thermometer rising to above 32° generally, and to above 55° in the south. Highest readings, 63° at Bilbao and 66° at Nemours.

WIND at 8 a.m. strong to a gale from the Westward over Ireland and England, and fresh to strong from the Southward in Scotland. Strong to a gale from the Eastward along the coast of Norway and in the Shetlands. A light cyclonic movement prevailing over the Baltic region and also in the south-east of our area. Wind veering towards North later in the west of Scotland and blowing a gale, but some decrease in force taking place over these Islands generally.

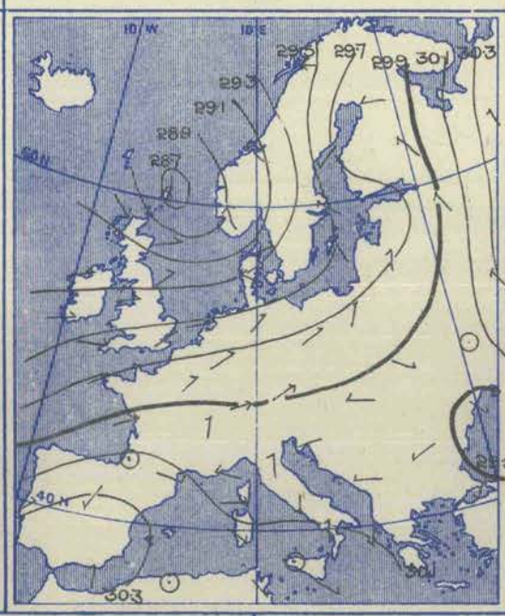
BAROMETER in morning above 30·5 ins. over central Russia, and above 30·3 ins. in the extreme south-west of our area. Below 29·8 ins. over the south-east of our area and the Baltic, and as low as 28·54 ins. in a deep depression having its centre not far from Stornoway. Gradients steep or rather so over the whole of the United Kingdom and its neighbourhood. Northern disturbance travelling slowly eastwards later, and barometer rising decidedly in its rear on our north-west coasts. A decrease of pressure commencing in the south-west of Ireland by evening.

Monday, 26th February, 1906.

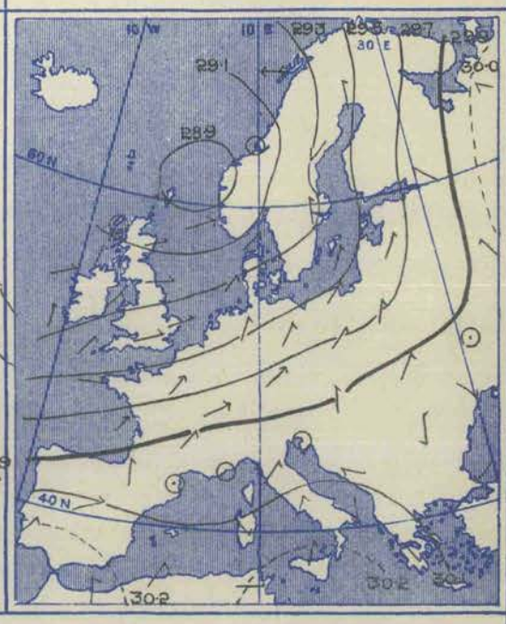
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER in morning fine and bright in Algeria and in isolated places elsewhere, but cloudy or overcast generally, with rain at Florence, in several parts of France, and the Scilly Isles, and showers in the west and north of Ireland. Snow falling over the Baltic, Sweden, and Finland. Snow or sleet falling later in the north of this country, and rain in the south. Very heavy rain experienced in various parts of France and Germany—as much as 1·2 in. at Rochefort and 1·5 in. at Aix-la-Chapelle.

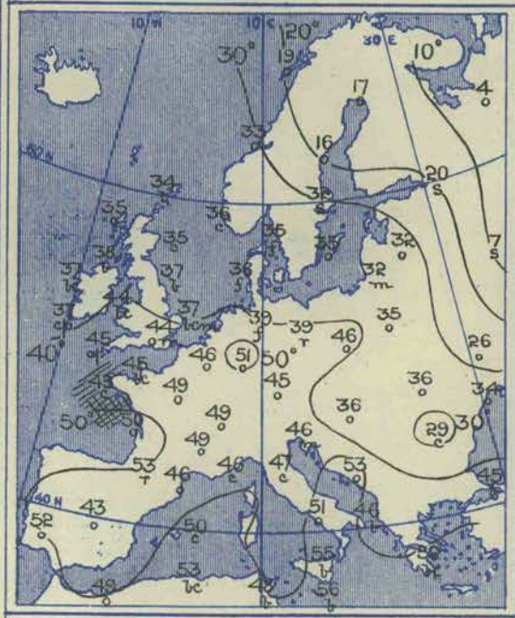
TEMPERATURE changed irregularly. Readings in morning above 50° in many southern localities, and as high as 61° at Sfax. Below 40° in most regions, and below 20° in the north and north-east. Lowest readings, −3° at Moscow and −9° at Archangel. Thermometer rising during day to 70° at Algiers, and to above 60° at some other southern stations; remaining below 50° at nearly all our own stations, below 40° in various parts of central Europe, and below 32° in the north and north-east of our area.

WIND at 8 a.m. showing a vast cyclonic circulation around the Shetlands; blowing strongly from South-South-East in the south-west of Norway, but no force higher than a fresh or strong breeze generally. Other cyclonic circulations prevailing over the Black Sea and the Gulf of Genoa. Not much change as a whole later, but wind backing in the south of Ireland.

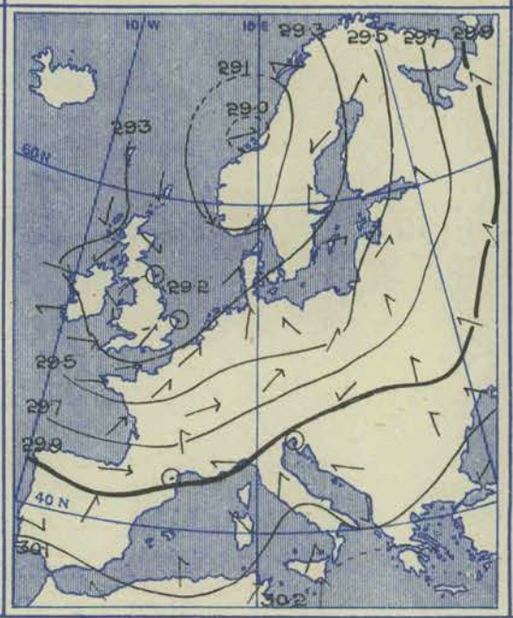
BAROMETER in morning ranging from above 30·3 ins. in both the south-west and the north-east of our area, to 29·89 ins. at Nice, 29·72 ins. at Nicolaieff, and to less than 28·7 ins. in the Shetlands. Gradients rather steep over our Islands and their vicinity, slight or moderate elsewhere. Depression off Scotland moving slowly eastwards and decreasing somewhat in depth. Pressure giving way in the Spanish Peninsula and over the south-west of France, as well as on all our south-western coasts.

Tuesday, 27th February, 1906.

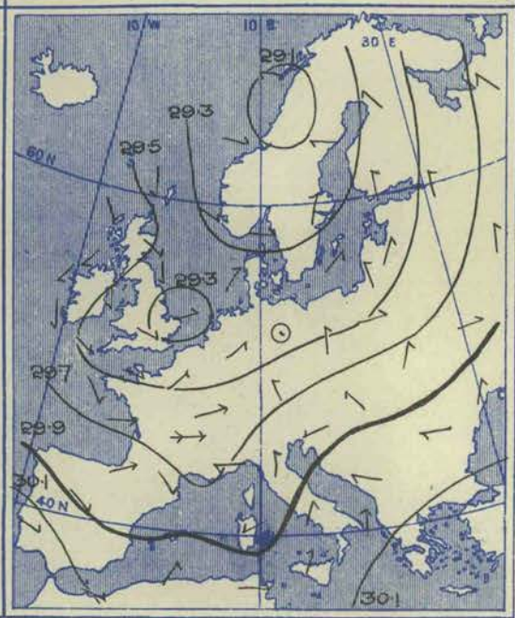
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. cloudy or overcast except in the extreme south of our area; rainy in several parts of our Islands, and also at Oporto, Biarritz, and Swinemünde and Berlin, and snow falling at Moscow, St. Petersburg, and in the south of Sweden. Rain becoming general over the western countries and Germany later, as well as at Nice. Largest falls, 0·6 in. at Nottingham and Carlsruhe, and 0·7 in. and 0·8 in. respectively at Nice and Biarritz.

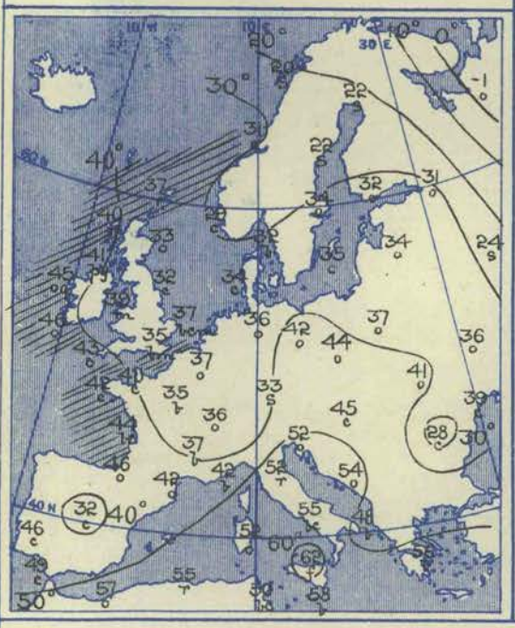
TEMPERATURE showing no decided change. Readings in morning ranging from 58° at Algiers and 56° at Malta and Palma, to less than 40° in nearly all parts of these Islands and most of the Continent, and to less than 20° in the extreme north and north-east. Remaining below the freezing point in Russia and Sweden, but rising to 50° or above in central Europe, to above 55° in the south, and to 60° or above in places. Highest readings, 70° at Palermo and 75° at Algiers.

WIND at 8 a.m. showing two cyclonic circulations—one over Scandinavia, and the other over the United Kingdom; fresh or strong in a few localities, but light or moderate in force as a whole. Moderate or light breezes between West and South-West over the southern half of our area. Some increase in force taking place over this country later from the North-Westward or Northward, but no other change of importance.

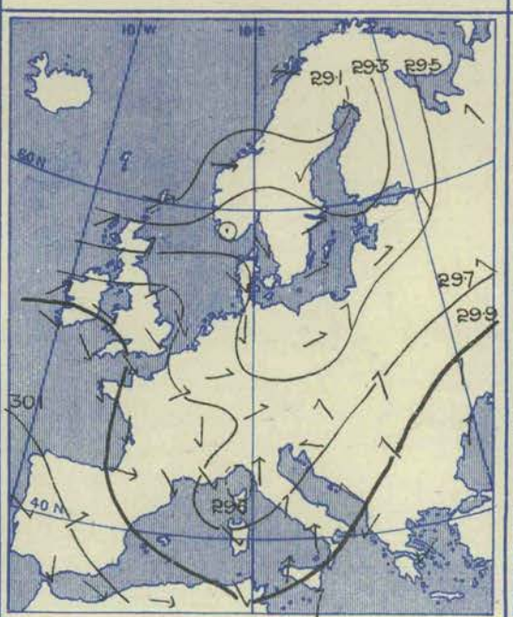
BAROMETER in morning above 30·24 ins. over the central portion of the Mediterranean; decreasing to below 29·2 ins. in a depression centred over the north of England, and to below 29·0 ins. in another system over the west of Norway. Depressions travelling eastwards during day, and pressure increasing very briskly in Ireland and Scotland. Barometer falling over Italy, and pressure becoming highest over the south-east and south-west of Europe.

Wednesday, 28th February, 1906.

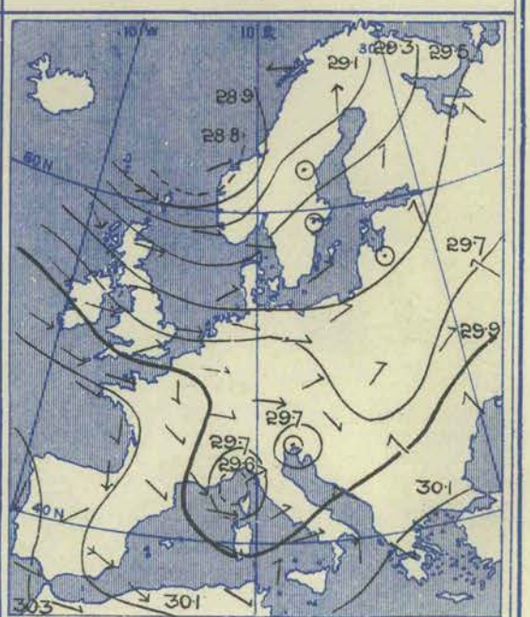
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine and bright in the south of England, the north of France, and at some stations in the extreme south of our area; cloudy or overcast generally, with showers on our western and northern coasts, steady rain in the north of Italy and at Algiers, and snow at Munich, in the north of Scandinavia, and at Moscow. Rain occurring later in nearly all parts of these Islands and in many regions of southern and central Europe—largest amounts, 1·1 in. at Florence and 2·0 ins. at Trieste.

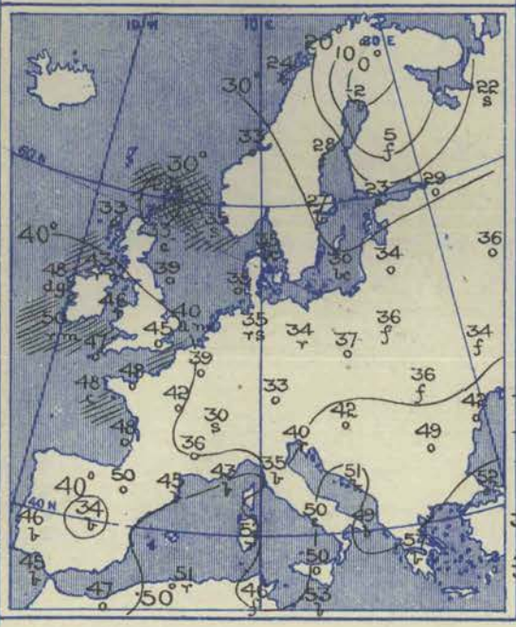
TEMPERATURE risen in Ireland, Italy, and over the greater part of Russia, fallen generally elsewhere. Morning readings, 62° at Palermo and above 50° at many other southern stations; only 32° at Madrid, and below that value in most parts of eastern and northern Europe. Lowest figures, 20° at Karlstad and Bodö, and −1° at Archangel. Maxima during day, 72° at Palermo and above 60° at several other Mediterranean stations. Thermometer remaining below 50° over our Islands and Germany, and below 32° in the far north and north-east.

WIND in morning mainly Westerly, moderate to strong, over Ireland and Scotland, and Northerly over England and the west of France. Southerly to South-Easterly over the eastern half of our area, and Easterly in the extreme north. A cyclonic circulation shown over the Gulf of Genoa and its vicinity. Backing towards West over England later, and increasing in force over these Islands generally; blowing a strong gale from West-North-West in the Shetlands by evening.

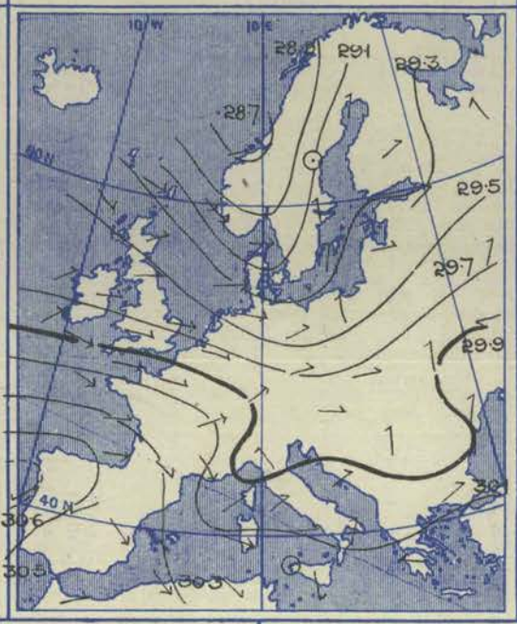
BAROMETER in morning above 30·2 ins. in the extreme south-west of Europe, and above 30·1 ins. in the extreme south-east. Below 29·6 ins. in a depression over the Gulf of Genoa, and below 29·1 ins. off the north of Scotland and over the far north of Scandinavia. Pressure decreasing briskly later in the Shetlands and off the west of Norway, and gradients becoming steep or rather so over all parts of our Islands and their immediate neighbourhood.

Thursday, 1st March, 1906.

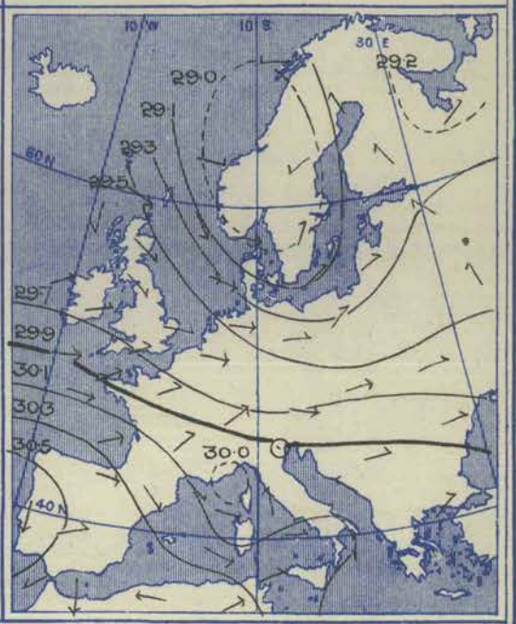
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine and bright over the Spanish Peninsula, the Riviera, and the north of Italy; cloudy or dull over our area generally, with rain in several parts of our Islands, the north of France, and Algeria, as well as at Trieste and Frankfort, and sleet or snow over North Germany and at Archangel. Considerable or heavy rains later in nearly all parts of France and smaller amounts in this country and Germany.

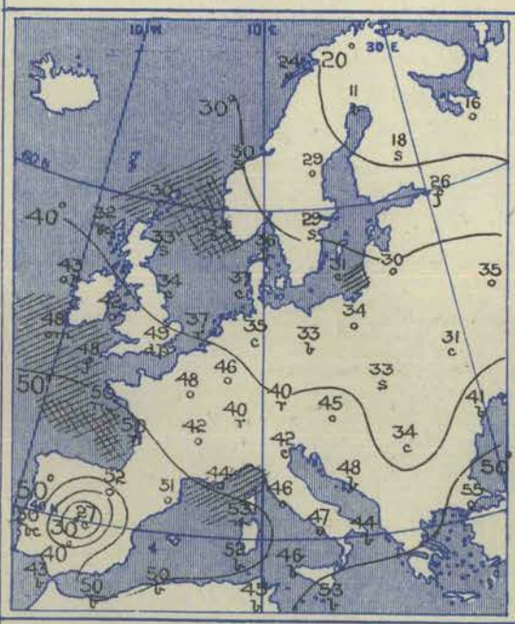
TEMPERATURE risen over the United Kingdom and most other western countries, fallen elsewhere. Readings in morning above 50° in various southern localities and as high as 57° at Athens and Algiers. Below 40° in Scotland and over the major portion of the Continent, and below the freezing point in many places; lowest readings, 22° at Archangel, 5° at Kuopio, and −2° at Haparanda. Maxima during day above 60° at a few stations in the far south and as high as 66° at Tunis; above 50° in most parts of France and in the south of Ireland. Frost continuing all day in the extreme north and north-east of Europe, and thermometer only rising to 45° at Buda-Pesth.

WIND at 8 a.m. fresh or strong from South-West in the west of Ireland, but moderate from the Westward over these Islands generally; drawing into North-West and blowing with greater force over the nearer parts of the Continent and into South over the Baltic and the Gulf of Bothnia. Mainly Northerly in Spain and North-Westerly or Westerly over the Mediterranean. Increasing to a gale from the Westward later at Jersey, and from North-North-West on the south-west coast of Norway. Light Northerly to Easterly breezes appearing by evening on our most north-western coasts.

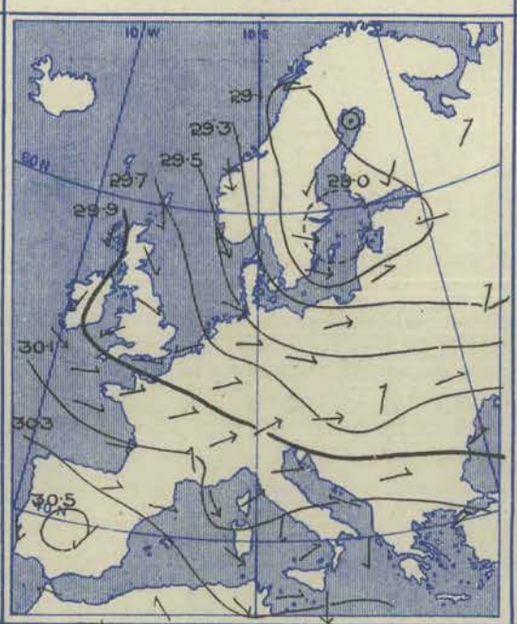
BAROMETER in morning ranging from above 30·6 ins. in Portugal to less than 28·7 ins. in a depression having its centre off the west coast of Norway. Several irregularities of pressure shown in different parts of our area, especially over the Mediterranean region. Northern disturbance travelling eastwards or south-eastwards later and an anticyclone beginning to influence the barometer on the extreme north-west coast of these Islands. Pressure giving way over England and the adjacent parts of the Continent.

Friday, 2nd March, 1906.

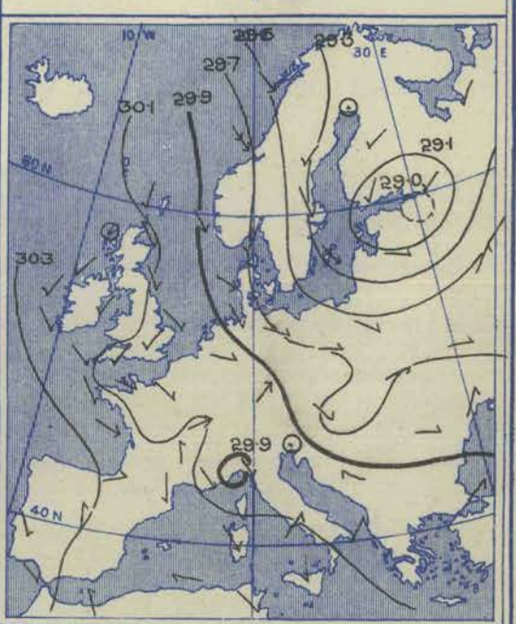
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. very fine in Algeria and in some parts of southern Europe; cloudy or overcast over our area generally, with rain in Portugal, some parts of France and Germany, as well as in Ireland and the south of England, and sleet or snow at Nottingham, several stations in central Europe, and also at Stockholm and Kuopio. Considerable falls of rain later in the west of Germany and in various French localities, and at Bilbao and Brussels, and slighter amounts of rain or snow in Austria.

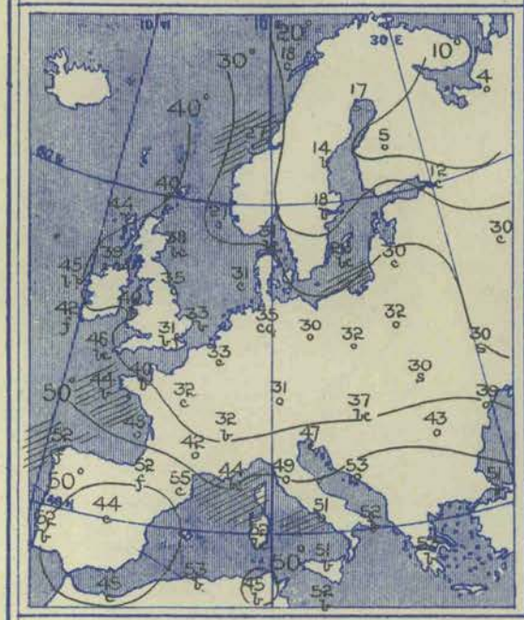
TEMPERATURE changed rather irregularly, but fallen in most regions. Readings in morning ranging from 55° at Constantinople and 53° at Malta, to below 35° over Scotland and the north-eastern half of the Continent, and to below 20° in Finland and the adjacent portions of Sweden and Russia. Lowest value, 11° at Haparanda. Rising during day to 50° or a little higher on our south and south-west coasts and other France, and to rather above 60° at some stations in the far south of our area. Maxima below 40° in the central regions of Europe.

WIND in morning showing an extensive cyclonic circulation over the northern countries of the Continent, and a separate cyclonic movement over England. Moderate in force generally, but Northerly current blowing a gale along the west coast of Norway, and a moderate Westerly gale prevailing over the Baltic. Light or moderate winds from various directions reported over the Mediterranean region. Some increase in the force of the wind later in the region of the Gulf of Genoa, but no general change.

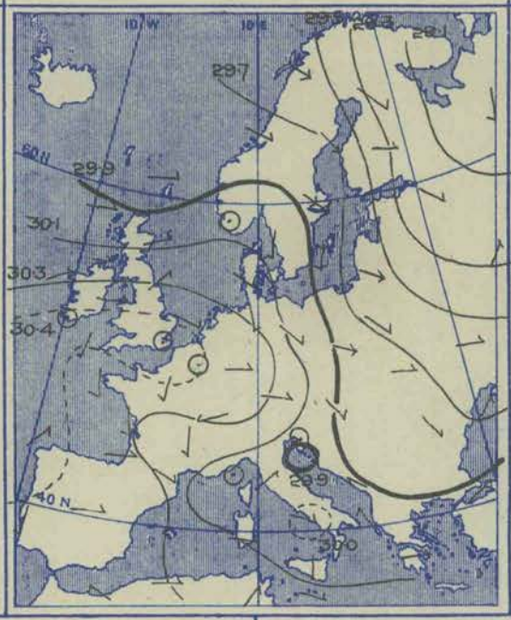
BAROMETER at 8 a.m. above 30·5 ins. in the interior of Spain, and relatively high over the south-west and south of our area as a whole. Below 29·0 ins. in a large depression having its centre over the Aland Isles, and below 29·8 ins. in an ill-defined disturbance over England. Latter system reaching the north-east of France and Belgium by evening, and the former travelling away eastwards to Russia. Pressure increasing very decidedly over the United Kingdom, Norway, Denmark, and Holland.

Saturday, 3rd March, 1906.

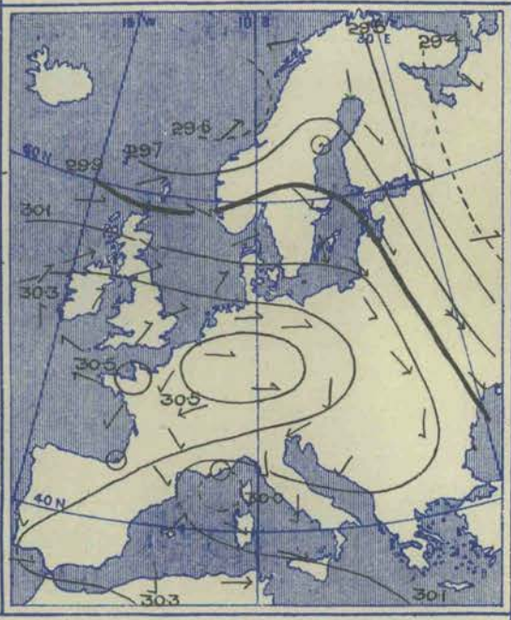
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



6 p.m.



WEATHER in morning fine and bright over the southern counties of these Islands, in Algeria, and at a few stations in southern Europe; cloudy or dull as a whole, with rain at Bilbao. Stornoway, and Sumburgh Head, and snow at Haparanda, Memel, Lemberg, and Kieff. Fog prevailing at Valencia Island and on the west coast of the Spanish Peninsula. Very fine and bright all day in the south and south-east of England and over France, and not much rain falling in any part of our area.

TEMPERATURE risen in Scotland and Italy, fallen in most other regions. Morning readings, 59° at Barcelona, 54° at Leghorn, and about 50° at many southern stations. Rather below the freezing point over the inland parts of southern England and much below it in the north-east of our area. Lowest readings, 5° at Kuopio and 4° at Archangel. Maxima during day exceeding 60° in Algeria and the far south of Europe, and as high as 50° at a few of our own stations. Only a trifle above 32° in central Europe and below it in the north and north-east.

WIND at 8 a.m. light and anticyclonic over the greater portion of this country, and light or moderate, mainly cyclonic, over Italy and the Mediterranean. Fresh or strong North-Westerly to Northerly winds prevailing over the larger part of Scandinavia, and a gale over the upper portion of the Baltic. No great change as a whole later, but a fresh gale from the North-Westward setting in at Kieff.

BAROMETER above 30·4 ins. in an irregularly shaped area covering the south of these Islands and the nearer parts of the Continent, and also the north-west of the Iberian Peninsula. Below 29·1 ins. in a large depression over the north of Russia, and relatively low in some shallow systems over southern Europe. Gradients rather steep over Gulf of Bothnia, the Baltic, and off the north of Scotland. Anticyclone extending its borders during day and another depression approaching the north-west of Norway. Russian disturbance moving away eastwards.

IV.—BRIGHT SUNSHINE Values for the Week, in addition to those on page 50.

	STATIONS.	No. of Hours recorded.	Difference from the Mean for the Week.	Percentage of Possible Duration	Difference from the Mean for the Week.
1.	Crathes	29·0	—	40	—
	Balruddery	31·3	—	43	—
2.	Saltburn-by-the-Sea	24·3	—	33	—
3.	Cromer	23·8	—	32	—
	Dunmow	21·1	—	28	—
	London, Bunhill Row	14·6	+ 3·5	20	+ 5
4.	Sheffield	19·1	—	26	—
	Margate	24·8	+ 2·8	33	+ 4
	Ramsgate	27·3	—	36	—
	Eastbourne	27·1	+ 3·3	36	+ 4
5.	Brighton	27·6	+ 3·6	37	+ 5
	Worthing	28·7	—	38	—
	Bognor	29·1	—	39	—
	Ventnor Hospital	30·6	+ 5·1	41	+ 7
7.	Southport	21·5	—	29	—
	Rhyl	30·0	—	41	—
	Aberdovey	29·8	—	40	—
	Aberystwyth	28·3	—	38	—
8.	Teuby	27·1	+ 2·1	36	+ 3
	Torquay	27·2	+ 2·7	36	+ 4
	Newquay	21·8	- 2·8	29	- 4

V.—OBSERVATIONS IN THE UPPER AIR.—Temperature, Humidity and Wind Velocity.

Date of Observation.	Station and its Height above M.S.L.		Heights in feet above Mean Sea Level. Ground Level.	1,600.	3,320.	5,000.	6,660.	8,320.	10,000.	Remarks.
1906. February 26th 10.43 a.m.— 12.16 p.m.	Ditcham Park, Petersfield, 400 ft.	Temperature F.	43°	37°	31°					One kite. Wire 4,110 ft. Temp. at 3,900 ft., 29° F. Lower clouds at 2,700 ft. Higher clouds not reached. Intermittent rain.
		Humidity	85	90	90					
		Wind Velocity, m. per hr.	SW by S, —	SW ?, —	SW ½ W, —					
February 26th 3.10 p.m.— 4.10 p.m.	Oxshott, 200 ft.	Temperature F.	45°	37°	[31°]					One kite. Wire 4,200 ft. Max. height 3,000 ft. Clear sky at 1 p.m. and at 5 p.m. Overcast at 4 p.m. Wind moderate in morning. Calm by 6 p.m.
		Humidity	80	95	[100]					
		Wind Velocity, m. per hr.	SW, 5	— 15	[WSW, 18]					
February 27th 3.0 p.m.— 5.0 p.m.	Ditcham Park, Petersfield, 400 ft.	Temperature F.	43·5	32°	25°	[19°]				One kite. Wire 6,010 ft. Max. height 4,400 ft. Temp. at 4,400 ft. 21° F. Showers of rain and soft hail. Convection currents very noticeable. Under surface of one large cumulus was 3,600 ft.
		Humidity	75	80	95	[100]				
		Wind Velocity, m. per hr.	W by N½ N,—	—	WNW, —	[WNW, —]				
February 28th 11.10 a.m. 1.0 p.m.	Oxshott, 200 ft.	Temperature F.	42°	30°	26°					One kite. Wire 6,000 ft. Trace very indistinct above 3,000 ft., but a temp. inversion and great dryness is indicated. Wind backed from NW to W during ascent.
		Humidity	60	80	?					
		Wind velocity, m. per hr.	NW, 8	WNW, 20	WNW, 20					
March 2nd 10.0 a.m.— 11.40 a.m.	Oxshott, 200 ft.	Temperature F.	50°	43°	38°					One kite. Wire 6,000 ft. Max. height 4,200 ft. Temp. 38° F. Cloud level 900 ft. on ascent; 500 ft. on descent. Drizzling rain. Wind changed WSW. to N. during the ascent. The change occurred first above.
		Humidity	100	100	100					
		Wind Velocity, m. per hr.	—, 5	—, 28	—, 20					

NOTE.—On March 1st, both at Ditcham Park and Oxshott, kites were sent up. In both cases a very strong wind was found at 1,600 ft., and the kites were drawn in. At Oxshott (10.20 a.m.) the temp. decreased from 45° to ? 39° F. and wind velocity rose from 15 m. per hr. to 45 m. per hr. At Ditcham Park, at 3.40 p.m., the temp. fell from 44° to 41° F. Wind WSW.

63, Victoria Street, London, S.W.
March 7th, 1906.

W. N. SHAW,
Director.

ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE,

AND PUBLISHED FOR H.M. STATIONERY OFFICE BY WYMAN AND SONS, LTD., FETTER LANE, E.C., AND 32, ABINGDON STREET, WESTMINSTER, S.W.; OR OLIVER AND BOYD, EDINBURGH; OR E. PONSONBY, 116, GRAFTON STREET, DUBLIN.

SUPPLIED FOR THE PUBLIC SERVICE

TWENTY-NINTH YEAR. Vol. XXIII. (New Series.) } No. 10. TENTH WEEK, ENDING SATURDAY, MARCH 10TH, 1906.

Price 6d.
Annual Subscription post paid £1 10s. 0d.

I.—GENERAL REMARKS.

Weather was very fine and bright during the earlier days of the week except in the most northern and western districts; subsequently cloudy or overcast weather extended to all parts of the Kingdom, and rain became very general. A thunderstorm occurred at Edinburgh on Thursday and in the north-western parts of Great Britain on Friday.

Temperature rose quickly soon after the beginning of the week, and for some days was much above the average. The thermometer afterwards fell quickly, but the mean readings for the whole week exceeded the normal in all districts; over eastern, southern, and central England the excess was between 4° and 5°. The highest of the maxima were registered on the 6th or 7th, and ranged from 67° in England E. and 66° in the Midland Counties and England S., to 55° in Scotland N., and to 54° in Scotland W. The absolute minima occurred either on the 4th or 10th; they were as low as 11° in Scotland E. (at Balmoral) and 17° in Scotland N., but elsewhere they varied from 24° in the Midland Counties and England S.W., to 38° in the Channel Islands, and to 34° or 35° in the Irish districts.

Rainfall was above the average generally, but in England S. there was a slight deficit, and in England N.E., E., and the Channel Islands a considerable deficit.

Bright Sunshine exceeded the average over England, the Channel Islands, and Scotland E., but was deficient elsewhere; the percentages of the possible duration ranged from 50 in the Channel Islands and England E., and 46 in England N.E. and S., to 19 in Ireland N., and to 17 in Scotland N.

Barometer and Wind. During the earlier half of the period the Atlantic low pressure systems were at a great distance off our north western and western coasts, and all the southern parts of the United Kingdom were under the influence of an anticyclone extending from central Europe. The wind was consequently Southerly to South-Westerly and of little strength. By Thursday, however, the Atlantic disturbances had caused a decided fall of the barometer over this country and Germany, and the wind had increased in force and veered to the Westward. On Friday the anticyclone had become situated over Spain, the change being accompanied by a veering of the wind to the North-Westward over our Islands, and a further increase in force. At the end of the week a ridge of relatively high pressure, followed closely by a cyclonic system, was moving eastwards over Great Britain.

SUMMARY OF TEMPERATURE, RAINFALL, AND DURATION OF BRIGHT SUNSHINE IN THE UNITED KINGDOM, FOR AGRICULTURAL AND SANITARY PURPOSES.

THE WEEK (10th)—March 4th to March 10th, 1906.

DISTRICTS. (See p. 56.)	Temperature. Highest.	Lowest.	Means of Daily Max.	Daily Min.	Daily Mean.	Difference from Av. (35 Yrs.)	Accumulated. Number of Day-Degrees. Above 42°	Difference from Av. (25 Yrs.)	Below 42°	Difference from Av. (25 Yrs.)	Rainfall. Number of Rain-Days.	Diff. from Av. (35 Yrs.)	Total Fall.	Difference from Average (35 Yrs.)	Sunshine. Hours recorded.	Diff. from Av. (25 Yrs.)	Percentage of Possible Duration.	Diff. from Av. (25 Yrs.)
	°	°	°	°	°	°	Day-deg.	Day-deg.	Day-deg	Day-deg.			Inches.	Inches.			%	%
0. SCOTLAND, NORTH ..	55	17	44·8	34·9	39·7	+ 1·2	8	- 1	26	- 7	6	+ 1	1·76	+0·74	13	- 6	17	- 8
Eastern 1. SCOTLAND, EAST ..	56	11	46·8	35·6	41·0	+ 2·2	13	0	24	- 12	5	+ 1	0·59	+0·07	24	+ 3	31	+ 4
Eastern 2. ENGLAND, N.E. ..	63	27	51·6	38·4	44·8	+ 4·6	35	+20	10	- 19	3	- 1	0·24	-0·16	35	+ 7	46	+ 9
Eastern 3. ENGLAND, EAST ..	67	30	53·9	38·0	45·7	+ 4·9	43	+24	11	- 20	3	0	0·24	-0·11	39	+14	50	+18
Eastern 4. MIDLAND COUNTIES	66	24	53·4	37·6	45·3	+ 4·6	42	+22	12	- 20	4	+ 1	0·47	+0·05	33	+10	42	+13
Eastern 5. ENGLAND, SOUTH ..	66	30	52·2	39·3	45·5	+ 4·0	36	+16	8	- 16	3	0	0·41	-0·03	36	+10	46	+13
Western 6. SCOTLAND, WEST ..	54	28	46·9	39·7	43·2	+ 2·6	18	+ 4	6	- 20	5	+ 1	1·22	+0·31	16	- 5	21	- 7
Western 7. ENGLAND, N.W. ..	62	30	49·2	39·8	44·4	+ 3·4	26	+ 6	6	- 18	5	+ 1	1·22	+0·67	21	+ 3	27	+ 3
Western 8. ENGLAND, S.W. ..	64	24	51·8	39·8	45·6	+ 3·6	34	+13	6	- 14	5	+ 1	1·02	+0·37	27	+ 4	34	+ 6
Western 9. IRELAND, NORTH ..	56	34	48·9	40·2	44·4	+ 2·9	24	+ 6	5	- 18	6	+ 1	1·03	+0·41	15	- 6	19	- 8
Western 10. IRELAND, SOUTH ..	59	35	51·9	42·6	47·1	+ 3·8	36	+12	0	- 17	6	+ 2	1·21	+0·47	19	- 3	24	- 4
11. CHANNEL ISLANDS..	60	33	53·3	43·2	48·1	+ 3·2	43	+16	0	- 8	3	- 1	0·29	-0·28	39	+10	50	+12

THE SEASON (**Spring**).—Aggregates, &c., for the Period of 1 Week, March 4th to March 10th, 1906.

0. SCOTLAND NORTH ..	55	17	*	*	*	*	8	- 1	26	- 7	6	+ 1	1·76	+0·74	13	- 6	17	- 8
Eastern 1. SCOTLAND, EAST ..	56	11	*	*	*	*	13	0	24	- 12	5	+ 1	0·59	+0·07	24	+ 3	31	+ 4
Eastern 2. ENGLAND, N.E. ..	63	27	*	*	*	*	35	+20	10	- 19	3	- 1	0·24	-0·16	35	+ 7	46	+ 9
Eastern 3. ENGLAND, EAST ..	67	30	*	*	*	*	43	+24	11	- 20	3	0	0·24	-0·11	39	+14	50	+18
Eastern 4. MIDLAND COUNTIES	66	24	*	*	*	*	42	+22	12	- 20	4	+ 1	0·47	+0·05	33	+10	42	+13
Eastern 5. ENGLAND, SOUTH ..	66	30	*	*	*	*	36	+16	8	- 16	3	0	0·41	-0·03	36	+10	46	+13
Western 6. SCOTLAND, WEST ..	54	28	*	*	*	*	18	+ 4	6	- 20	5	+ 1	1·22	+0·31	16	- 5	21	- 7
Western 7. ENGLAND, N.W. ..	62	30	*	*	*	*	26	+ 6	6	- 18	5	+ 1	1·22	+0·67	21	+ 3	27	+ 3
Western 8. ENGLAND, S.W. ..	64	24	*	*	*	*	34	+13	6	- 14	5	+ 1	1·02	+0·37	27	+ 4	34	+ 6
Western 9. IRELAND, NORTH ..	56	34	*	*	*	*	24	+ 6	5	- 18	6	+ 1	1·03	+0·41	15	- 6	19	- 8
Western 10. IRELAND, SOUTH ..	59	35	*	*	*	*	36	+12	0	- 17	6	+ 2	1·21	+0·47	19	- 3	24	- 4
11. CHANNEL ISLANDS..	60	33	*	*	*	*	43	+16	0	- 8	3	- 1	0·29	-0·28	39	+10	50	+12

THE YEAR.—Aggregates, &c., for the period of 10 Weeks, December 31st, 1905, to March 10th, 1906.

0. SCOTLAND, NORTH ..	55	12	*	*	*	*	26	-49	367	+ 12	58	+11	14·84	+4·14	116	+ 3	20	+ 1
Eastern 1. SCOTLAND, EAST ..	56	11	*	*	*	*	50	-44	354	- 47	41	+ 3	5·58	-0·07	187	+37	31	+ 6
Eastern 2. ENGLAND, N.E. ..	63	24	*	*	*	*	91	- 8	271	- 65	40	+ 6	4·32	+0·31	190	+26	30	+ 4
Eastern 3. ENGLAND, EAST ..	67	23	*	*	*	*	121	+ 7	260	-112	44	+ 8	5·84	+2·00	196	+40	31	+ 6
Eastern 4. MIDLAND COUNTIES	66	19	*	*	*		121	- 7	288	- 89	44	+ 8	6·38	+1·67	174	+27	27	+ 6
Eastern 5. ENGLAND, SOUTH ..	66	20	*	*	*	*	169	+29	209	- 77	48	+11	7·87	+2·78	212	+49	33	+ 7
Western 6. SCOTLAND, WEST ..	54	14	*	*	*	*	79	-29	239	- 43	50	+ 6	11·84	+1·84	159	+33	26	+ 5
Western 7. ENGLAND, N.W. ..	62	21	*	*	*	*	103	-19	213	- 65	48	+ 9	9·78	+3·75	151	+22	24	+ 4
Western 8. ENGLAND, S.W. ..	64	20	*	*	*	*	186	+10	186	- 30	52	+12	12·60	+4·90	186	+32	29	+ 5
Western 9. IRELAND, NORTH ..	56	24	*	*	*	*	122	-23	211	- 36	61	+14	9·70	+2·72	163	+24	26	+ 4
Western 10. IRELAND, SOUTH ..	59	24	*	*	*	*	224	+11	162	- 23	58	+14	9·98	+1·24	169	+ 4	26	+ 1
11. CHANNEL ISLANDS..	60	27	*	*	*	*	283	+29	43	- 47	57	+13	8·92	+2·01	224	+29	34	+ 4

Bright Sunshine.—For certain of the Districts the values of Bright Sunshine in this Table are based on the records from a part only of the Stations included in the Tables under II. and IV. For certain of the Stations Mean Values are not available, and for the Districts containing these Stations the "Difference from Average" is based on the records from a smaller number of Stations than those supplying the values for "Hours Recorded."

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II.—DATA from which the SUMMARY on page 55 has been calculated.

March 4–10, 1906.

Districts.	Names of Stations.	Temperature. In Degrees Fahrenheit.								Rainfall.			Bright Sunshine.			
		Highest observed.	Lowest observed.	Averages for the Week. Of Highest each day.	Of Lowest each day.	For whole of each day.	Difference of Daily Average from Mean for the Week.	Accumulated Heat for the Week (in Day-degrees). Above 42°	Below 42°	Number of Rain-Days.	Rainfall in the Week.	Difference from the Mean for the Week.	Number of Hours recorded.	Difference from the Mean for the Week.	Percentage of possible duration.	Difference from the Mean for the Week.
		°	°	°	°	°	°	Day-deg	Day-deg		Inches.	Inches.	Hrs.	Hrs.	%	%
0. SCOTLAND, N.	†Sumburgh Head (Deerness)	48	27	42·4	35·3	38·8	+ 0·4	1	23	7	0·76	+ 0·96	12·7	− 8·0	17	− 11
	Wick	50	24	45·1	34·3	39·5	+ 0·7	9	28	4	0·87	+ 0·37	*	*	*	*
	†Lairg (Strathpeffer)	55	17	47·7	32·2	39·7	+ 2·9	16	37	7	1·16	+ 0·44	15·7	− 3·2	21	− 4
	Stornoway	50	28	45·6	36·4	40·9	+ 1·5	10	21	5	0·44	− 0·46	14·5	− 6·5	19	− 9
	Glencarron	51	20	43·4	34·7	38·9	+ 1·2	4	25	7	3·97	+ 2·18	*	*	*	*
	Fort Augustus	49	21	45·4	35·2	40·2	+ 1·2	10	25	5	1·52	+ 0·62	10·0	− 5·4	13	− 7
	Fort William	48	23	43·8	36·4	40·0	+ 0·6	5	20	7	3·57	+ 2·00	*	*	*	*
1. SCOTLAND, E.	Nairn	53	20	46·4	33·7	39·9	+ 0·9	12	31	6	0·76	+ 0·36	*	*	*	*
	Aberdeen	55	24	47·6	36·1	41·7	+ 2·3	16	24	4	0·36	− 0·17	29·3	+ 5·2	39	+ 7
	Balmoral	50	11	43·2	31·7	37·3	+ 1·7	3	36	6	0·72	+ 0·10	*	*	*	*
	Clathick	56	22	47·1	36·2	41·5	+ 2·2	14	23	6	0·91	+ 0·21	*	*	*	*
	†Leith (Edinburgh)	54	31	49·6	40·0	44·7	+ 3·8	27	6	5	0·54	+ 0·19	18·1	− 0·9	24	− 1
	Marchmont	52	25	46·7	35·6	41·0	+ 2·5	13	25	2	0·26	− 0·30	26·0	+ 3·8	34	+ 5
2. ENGLAND, N.E. Northern part.	†Alnwick Castle (Cockle Park)	55	27	50·0	37·6	43·6	+ 4·1	30	12	4	0·40	− 0·14	32·6	—	42	—
	†Shields (Newcastle)	58	29	50·9	36·6	43·5	+ 3·2	33	15	2	0·24	− 0·15	19·4	+ 1·7	25	+ 2
	Durham	52	29	48·5	38·1	43·2	+ 3·9	25	11	3	0·33	− 0·08	30·5	+ 7·7	40	+ 10
	Scarborough	56	32	51·8	40·0	45·7	+ 5·1	34	6	4	0·29	− 0·12	33·3	—	43	—
	York	57	33	51·4	39·3	45·2	+ 4·7	34	8	4	0·24	− 0·15	26·1	+ 6·0	34	+ 8
Southern part.	†Spurn Head (Skegness)	58	34	50·9	39·0	44·8	+ 4·5	32	8	2	0·14	− 0·16	43·2	—	55	—
	Lincoln	63	32	55·7	38·3	46·7	+ 6·0	48	10	4	0·11	− 0·24	*	*	*	*
	†Fulbeck (Rauceby)	62	33	53·5	38·4	45·7	+ 5·4	41	10	3	0·16	− 0·20	41·6	—	53	—
3. ENGLAND, E. Northern part.	Hillington	65	32	55·3	37·9	46·3	+ 5·9	47	11	3	0·24	− 0·17	38·4	+ 15·0	49	+ 19
	†Yarmouth (Lowestoft)	65	32	53·7	37·9	45·6	+ 5·8	42	11	3	0·19	− 0·18	43·7	—	56	—
	Geldeston	67	32	55·2	38·4	46·6	+ 5·9	47	10	4	0·18	− 0·16	42·4	+ 17·1	54	+ 22
Southern part.	Cambridge	67	31	56·1	37·0	46·3	+ 5·5	51	14	3	0·24	− 0·07	36·7	+ 11·7	47	+ 15
	Felixstowe	61	32	51·8	38·9	45·2	+ 4·3	35	9	2	0·20	—	44·4	—	57	—
	Clacton-on-Sea	55	33	49·6	38·6	43·9	+ 2·6	28	10	2	0·17	—	42·9	—	55	—
	Rothamsted	64	30	54·1	35·8	44·7	+ 4·7	45	17	3	0·41	− 0·01	35·7	+ 12·2	46	+ 16
	†Shoeburyness (Southend)	62	35	54·3	39·6	46·7	+ 5·1	43	7	1	0·16	− 0·11	39·5	—	51	—
	London, Westminster	65	31	55·3	37·9	46·3	+ 4·4	47	11	2	0·39	—	28·5	+ 15·1	37	+ 19
4. MIDLAND COUNTIES. Eastern part.	Harrogate	55	30	50·0	37·9	43·8	+ 4·6	30	11	6	0·70	+ 0·21	32·0	—	41	—
	†Bawtry (Worksop)	62	35	53·9	40·6	47·1	+ 6·4	42	4	3	0·22	− 0·15	35·1	+ 14·8	45	+ 19
	Nottingham	63	30	54·4	38·0	46·0	+ 5·4	45	11	3	0·38	+ 0·01	35·7	—	46	—
	†Colly Weston (Oundle)	63	31	54·7	37·0	45·6	+ 4·9	46	14	4	0·26	− 0·10	35·8	—	46	—
	Birmingham, Edgbaston	63	34	52·5	38·9	45·5	+ 5·0	38	9	3	0·37	− 0·02	26·3	—	34	—
	Oxford	66	31	54·9	37·6	46·0	+ 4·8	46	12	2	0·58	+ 0·21	33·1	+ 10·3	42	+ 13
Western part.	Cheadle	59	33	51·5	37·9	44·5	+ 5·0	35	11	5	0·65	+ 0·14	*	*	*	*
	Shrewsbury	62	30	53·7	40·4	46·9	+ 5·3	41	4	3	0·27	—	*	*	*	*
	Hereford	62	26	54·4	37·7	45·8	+ 4·3	45	12	5	0·48	+ 0·08	*	*	*	*
	Cirencester	63	24	52·8	33·2	42·7	+ 2·7	42	25	3	0·75	+ 0·28	30·0	+ 6·3	38	+ 8
	Bath	63	29	54·9	34·6	44·5	+ 2·7	49	21	3	0·51	+ 0·01	31·3	—	40	—
5. ENGLAND, S.	†London, Brixton (Kew)	66	31	55·9	38·3	46·8	+ 4·9	49	10	2	0·45	+ 0·08	34·5	+ 13·5	44	+ 17
	Wisley, Surrey	64	34	54·4	39·7	46·8	+ 5·9	43	6	3	0·42	—	36·1	—	46	—
	Swarraton	62	30	52·5	36·7	44·4	+ 4·1	39	15	5	0·36	− 0·17	*	*	*	*
	Tunbridge Wells	59	32	52·0	38·2	44·9	+ 4·3	36	11	3	0·50	+ 0·02	42·0	+ 18·1	54	+ 23
	†Dungeness (Littlestone)	53	32	49·4	39·4	44·3	+ 3·1	27	7	2	0·42	+ 0·10	41·7	—	53	—
	Hastings	53	36	49·5	40·4	44·8	+ 3·1	26	4	2	0·54	+ 0·08	38·1	+ 10·9	49	+ 14
	Southampton	63	34	53·8	39·9	46·6	+ 3·9	41	6	4	0·39	− 0·11	28·3	+ 2·8	36	+ 4
	†Portland Bill (Bournemouth)	53	37	49·9	41·6	45·6	+ 2·5	27	1	5	0·22	—	33·7	—	43	—
6. SCOTLAND, W.	Laudale, Loch Sunart	51	28	47·1	37·4	42·1	+ 1·2	20	13	7	2·27	+ 0·71	*	*	*	*
	Glasgow	50	31	45·8	39·2	42·4	+ 2·6	15	8	5	0·89	+ 0·26	9·6	− 6·7	13	− 9
	Dumfries	54	31	48·3	40·9	44·5	+ 4·1	22	3	5	1·16	+ 0·37	*	*	*	*
	Cally	48	35	45·9	39·3	42·5	+ 2·3	15	8	5	1·19	+ 0·31	*	*	*	*
	Douglas, Isle of Man	52	36	47·5	41·5	44·4	+ 3·0	19	1	4	0·57	− 0·11	22·4	− 3·5	29	− 5
7. ENGLAND, N.W.	Aspatria	52	32	46·6	39·0	42·7	+ 3·0	18	8	5	0·88	+ 0·26	12·6	—	16	—
	Newton Rigg	53	30	48·7	38·2	43·3	+ 4·7	25	11	5	0·88	+ 0·24	25·3	+ 3·5	33	+ 5
	Stonyhurst	50	34	46·5	38·7	42·5	+ 2·8	17	9	6	2·24	+ 1·44	13·8	− 7·1	18	− 9
	Blackpool	50	33	47·3	39·2	43·1	+ 2·6	19	8	6	1·22	+ 0·70	24·8	+ 3·3	32	+ 4
	Manchester, Prestwich	62	34	51·3	39·0	45·0	+ 4·9	34	8	6	1·40	+ 0·82	25·3	+ 9·3	32	+ 12
	†Liverpool Obs. (Hoylake)	55	34	50·7	38·9	44·6	+ 3·1	31	9	5	0·51	+ 0·09	31·2	—	40	—
	Hawarden Bridge	58	31	53·5	39·8	46·5	+ 5·2	41	6	3	0·50	+ 0·16	*	*	*	*
NORTH WALES	Llandudno	53	37	50·2	41·7	45·8	+ 3·0	28	1	5	1·39	+ 0·91	26·6	+ 3·7	34	+ 5
	Holyhead	49	38	47·4	41·1	44·2	+ 1·6	19	3	5	1·03	+ 0·48	*	*	*	*
	Bettws-y-Coed	54	36	49·3	42·7	45·9	+ 3·5	27	0	6	2·15	—	13·9	—	18	—
8. SOUTH WALES	Llangammarch Wells	57	24	49·4	36·4	42·7	+ 2·0	28	16	5	1·65	—	16·1	—	21	—
	Pembroke	50	35	48·3	41·6	44·9	+ 2·1	22	1	5	0·91	+ 0·36	20·0	− 5·9	26	− 8
	Cardiff	64	32	53·8	38·2	45·8	+ 3·5	43	11	6	1·38	+ 0·69	*	*	*	*
ENGLAND, S.W.	Clifton	62	31	53·5	39·2	46·1	+ 4·5	40	8	4	1·23	+ 0·67	*	*	*	*
	†Shaftesbury (Marlborough)	59	35	50·6	39·3	44·8	+ 4·9	31	8	3	0·51	− 0·02	23·7	+ 3·0	30	+ 4
	Arlington, N. Devon	62	35	52·7	39·4	45·9	+ 5·1	38	7	4	2·10	+ 1·22	*	*	*	*
	Cullompton	64	31	54·3	38·8	46·3	+ 3·6	44	9	4	0·73	+ 0·15	33·1	+ 9·4	42	+ 12
	Plymouth	52	39	50·8	42·6	46·6	+ 2·9	32	0	5	0·28	− 0·32	27·1	+ 0·6	35	+ 1
	Falmouth	57	36	52·4	42·9	47·5	+ 3·5	39	0	6	0·41	− 0·37	38·0	+ 10·3	49	+ 13
9 IRELAND, N. Western part.	Malin Head	51	35	47·3	38·4	42·7	+ 0·7	20	10	6	0·80	+ 0·30	*	*	*	*
	Edenfel	53	34	48·1	39·6	43·7	+ 3·8	22	7	6	1·13	+ 0·49	*	*	*	*
	Blacksod Point	52	39	48·9	42·7	45·7	+ 2·4	26	0	6	1·44	+ 0·57	*	*	*	*
	Markree Castle	55	36	49·6	41·1	45·2	+ 3·8	26	3	5	1·47	+ 0·77	14·8	− 6·5	19	− 9
Eastern part.	Armagh	56	34	49·9	40·4	45·0	+ 4·2	28	4	5	0·82	+ 0·32	15·0	− 5·8	20	− 8
	Donaghadee	56	35	49·4	39·0	44·1	+ 2·3	27	8	5	0·49	− 0·01	*	*	*	*
10. IRELAND, S. Eastern part.	†Dublin, City (Phœnix Park)	59	37	52·1	42·7	47·3	+ 4·2	37	0	4	0·68	+ 0·22	28·7	+ 3·8	37	+ 5
	Kilkenny	57	35	51·6	41·4	46·4	+ 3·8	33	2	5	1·06	+ 0·51	*	*	*	*
	Waterford	54	39	50·7	42·7	46·6	+ 3·9	32	0	5	0·79	+ 0·10	*	*	*	*
Western part.	Birr Castle	57	37	52·3	40·9	46·4	+ 4·7	35	3	6	1·08	+ 0·53	20·8	− 1·6	27	− 2
	Foynes	57	40	52·0	42·5	47·1	+ 4·1	36	0	6	2·23	+ 1·57	*	*	*	*
	Killarney	58	40	53·2	42·1	47·5	+ 3·5	39	0	6	1·47	+ 0·36	*	*	*	*
	Valencia	55	42	52·0	44·7	48·2	+ 3·1	43	0	6	1·62	+ 0·58	13·7	− 11·3	18	− 15
	†Roches Point (Ballinacurra)	54	40	51·1	44·1	47·5	+ 3·3	39	0	6	0·71	− 0·09	12·7	—	16	—
11. ENGLISH CHANNEL	Scilly, St. Mary's	56	42	53·6	45·4	49·4	+ 3·6	52	0	4	0·20	− 0·37	32·3	+ 3·9	41	+ 5
	†Jersey, St. Aubins (St. Heliers)	60	33	54·0	41·1	47·4	+ 3·0	42	3	3	0·30	− 0·25	42·2	+ 12·0	54	+ 15
	Guernsey	59	36	52·3	43·2	47·6	+ 2·9	39	0	2	0·37	− 0·21	42·9	+ 13·3	55	+ 17

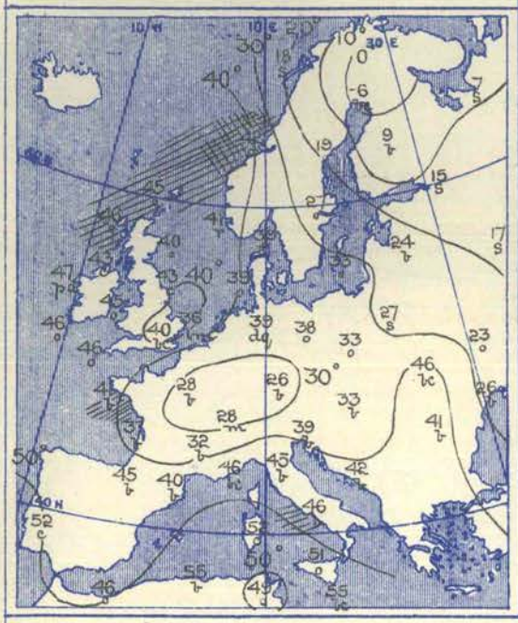
Information for Stations marked ℳ is supplied by the Royal Meteorological Society, and that for Stations marked 𝒮 is supplied by the Scottish Meteorological Society.

* An Asterisk is inserted in all places for which the information is not usually given.

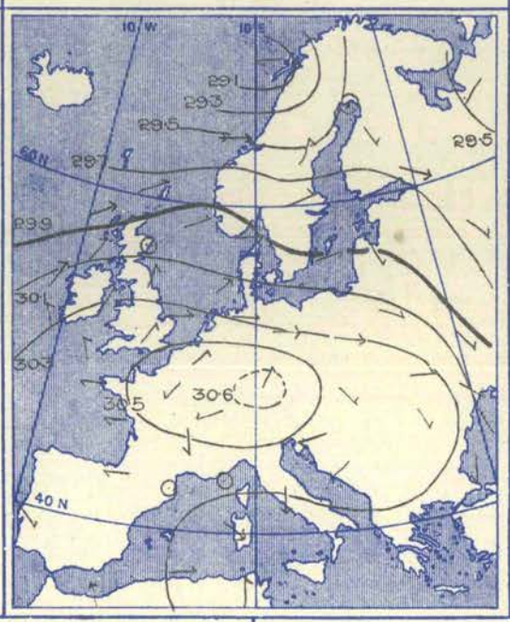
† There is no Sunshine Recorder in use at this Station. The figures entered for Sunshine are those recorded at a neighbouring Station of which the name is given in brackets.

Sunday, 4th March, 1906.

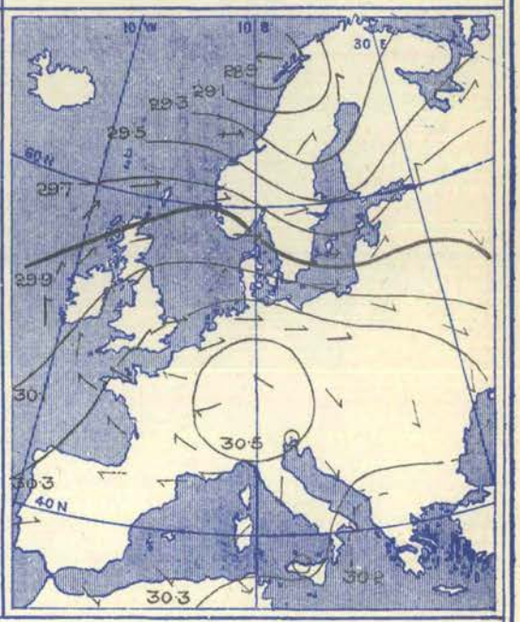
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine and very bright over Italy, France, and England; cloudy or dull in almost all other places, with showers in the north-west of Ireland, rain at Skudesnaes, and snow in the north of Russia and at Cracow and Bodö. Fog prevailing in Denmark. Continuing very fine over England and the nearer countries of the Continent, but a little rain falling in the extreme west and north of our Islands.

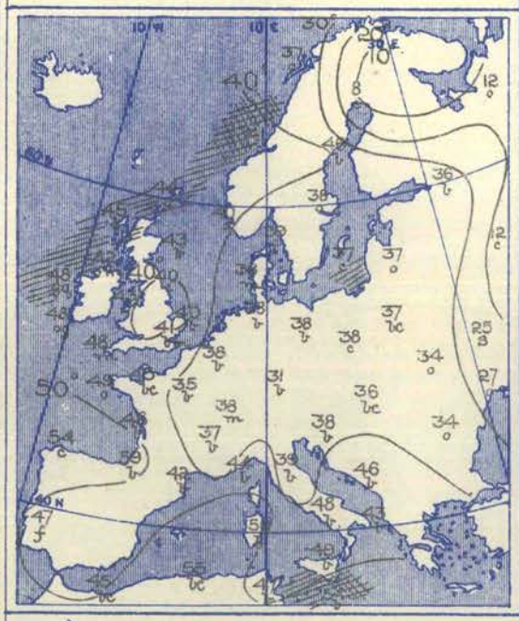
TEMPERATURE in morning ranging from 57° at Palma and 55° at Malta and Algiers, to below 32° in various parts of France and Germany, and to below 10° in the extreme north and north-east of our area. Lowest reading, -6° at Haparanda. Rising during day to 56° at Manchester and Birmingham, to 58° in London, to above 60° at some stations in the south and south-west of France, and to 68° at Algiers. Severe frost continuing over Russia and Sweden, and thermometer only touching 32° at Lemberg.

WIND at 8 a.m. showing a gentle anticyclonic movement over the greater part of the Continent, and fresh or strong cyclonic winds in the north. A Westerly gale prevailing at Christiansund. Scarcely any change taking place during day.

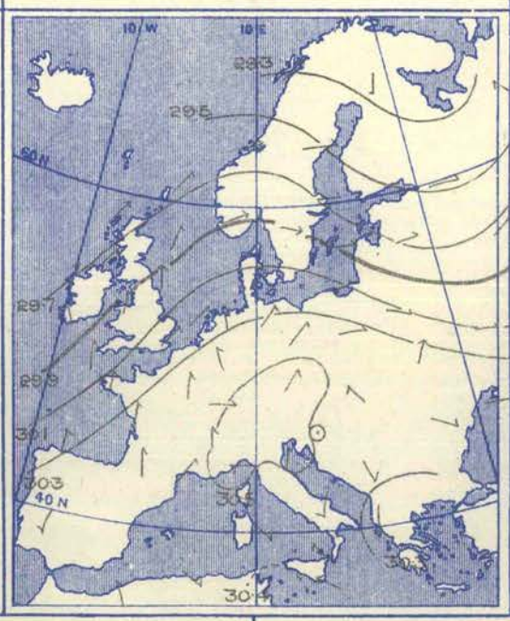
BAROMETER in morning above 30·3 ins. in a very extensive anticyclone covering most of the southern half of Europe, and above 30·6 ins. at Munich. Decreasing to less than 29·0 ins. in a very large and deep cyclonic system having its centre over the north-west of Norway. Gradients slight or moderate as a whole, but steep over the north of Scandinavia. Pressure decreasing steadily later over our own western districts and briskly in the north of Sweden. Northern disturbance travelling north-eastwards, and barometer falling to 28·82 ins. at Bodö.

Monday, 5th March, 1906.

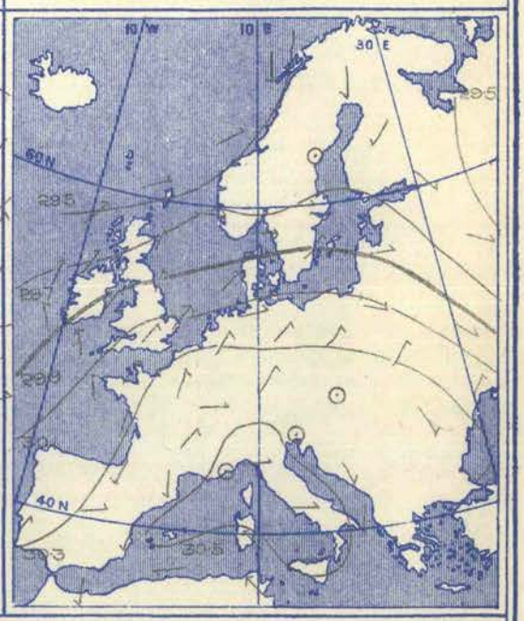
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine in almost all parts of England, southern and central Europe, and Algeria. Cloudy or overcast elsewhere, with rain at Birr Castle and Stornoway, and snow at Kieff. Slight rain falling later in the west and north of these Islands generally, and a little rain or snow in a few places over northern Europe.

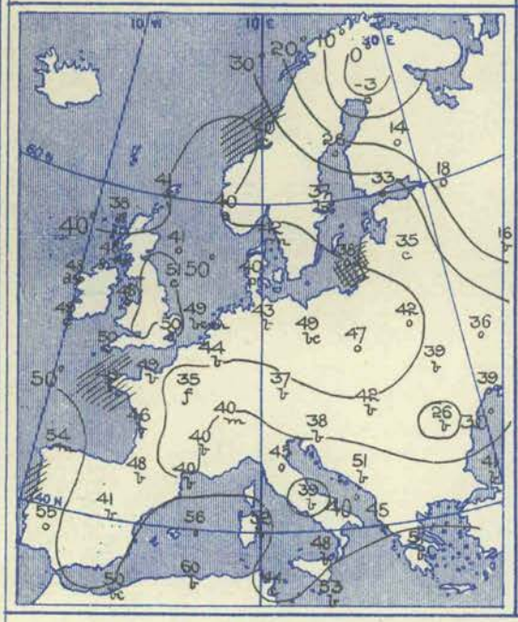
TEMPERATURE changed irregularly. Readings in morning above 50° in some of the most southern localities, but less than 40° as a whole and less than 20° in the extreme east and north-east. Lowest values, 9° at Kharkoff and 8° at Haparanda. Maxima during day as high as 70° at Bordeaux, 69° at Clermont, and above 60° in many other southern regions. Thermometer rising to above 50° in various parts of these Islands and at several stations in central Europe.

WIND in morning between South and West over the United Kingdom and the northern half of the Continent; fresh or strong on our extreme west and north-west coasts and in the northern parts of Norway and Denmark, moderate or light elsewhere. Light and rather variable airs prevalent over the Mediterranean and southern Europe. No change of importance later.

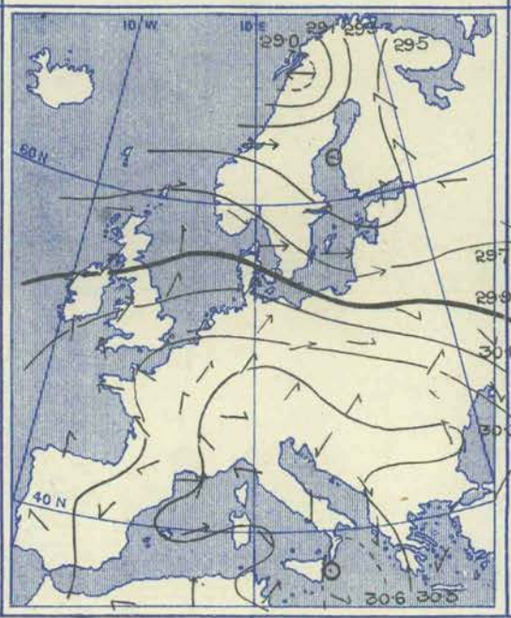
BAROMETER at 8 a.m. ranging from 30·5 ins. an anticyclone centred over the north of Italy and South Germany, to below 29·3 ins. in the extreme north of our area. Barometer rising in the latter regions during day, but fallen on our northern coasts and in the west of Norway. Anticyclone taking up a position further to the southward and increasing somewhat in size. A decided decrease of pressure reported in the centre and south of Russia by evening.

Tuesday, 6th March, 1906.

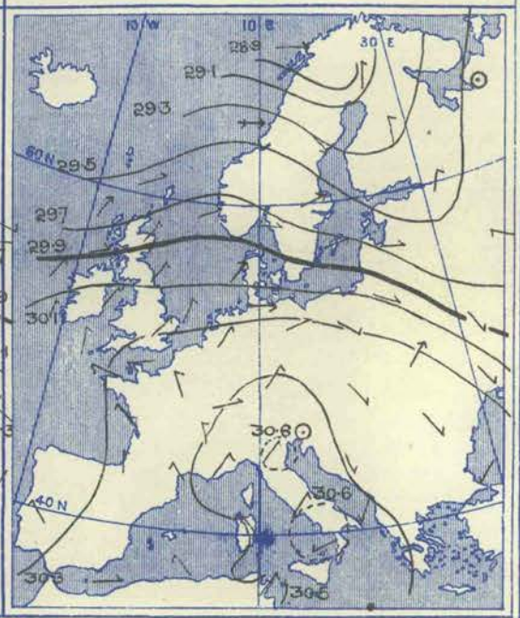
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine in Algeria, most parts of southern and central Europe, and at many stations in England; cloudy or overcast elsewhere, with rain in the north-west and north of Ireland and also at Memel. Some rain experienced later in Portugal, the Shetlands, Hebrides, and in Norway. Conditions continuing very fine and dry over the southern and western countries generally.

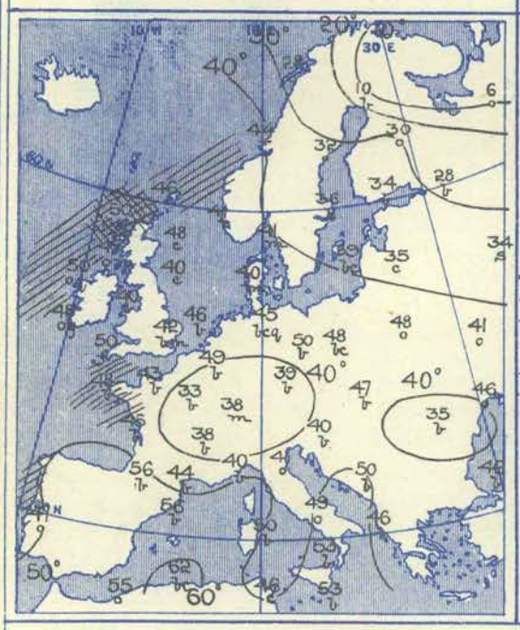
TEMPERATURE risen in most regions, fallen in Scotland, Sweden, and Finland. Readings in morning, 60° at Algiers, 57° at Oporto, 52° at Leith, and 50° at Bath and in London. Below 40° in central France and Munich, and below 20° in the north-east of our area. Lowest values, 14° at Kuopio and −3° at Haparanda. Thermometer rising during day to between 60° and 64° over the inland counties of England, and to about the same level over the greater part of the Continent. Maximum at Biarritz 70°, and at Algiers 73°. Severe frost continuing all day in the north and north-east of our area.

WIND at 8 a.m. light and anticyclonic over all the central and southern regions; South-Westerly to Westerly, light to fresh or strong, over the United Kingdom and north-western Europe generally, Southerly in Finland, and Easterly in the north of Scandinavia. A fresh Westerly gale blowing at Christiansund. No great change later, but wind increasing and backing to the South-Westward in the Hebrides.

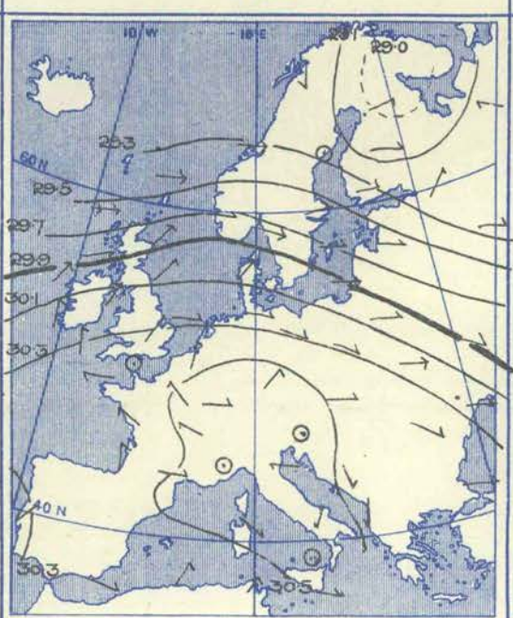
BAROMETER in morning highest, 30·8 ins. to 30·6 ins. in a very extensive anticyclone covering the greater part of the southern and central regions of Europe and the Mediterranean. Lowest, 29·0 ins. and less in a depression having its centre near Bodö. Latter system moving eastwards during day, but no decided change occurring in the general distribution of pressure. A fall of the barometer taking place in Scotland.

Wednesday, 7th March, 1906.

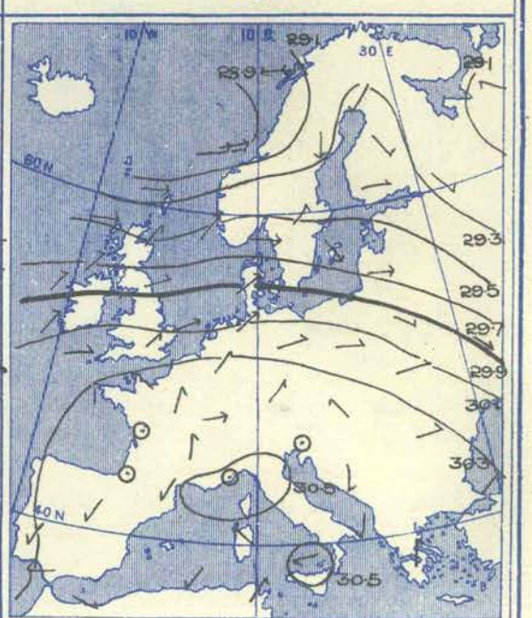
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine and bright over England, France, central and southern Europe, and at a few stations in the north; cloudy or dull in most other regions, with rain in the west of Norway and snow at Moscow. Rain spreading from the northward and westward over nearly all parts of these Islands during the ensuing twenty-four hours, and continuing in the west of Norway—largest falls, 0·9 in. at Christiansund, 0·8 in. at Valencia, and 0·6 in. at Holyhead.

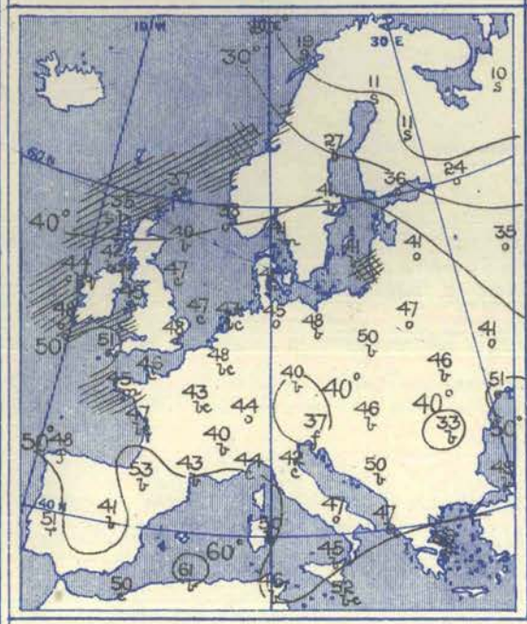
TEMPERATURE changed rather irregularly, but risen in most places. Morning readings above 50° at many stations in the south, and as high as 59° and 62° respectively at Bilbao and Algiers. Above 40° over our area generally, but below 20° in the extreme north-east. Lowest value, 6° at Archangel. Rising during day to 65° in London, 67° at Lowestoft, to 60° or above in all the central countries and France, and to 73° at Algiers and Bilbao. Maxima below 50° at stations on the Welsh coast.

WIND in morning Westerly or South-Westerly over the northern half of our area; light or moderate as a whole; but fresh or strong in some localities, and blowing with the force of a fresh or strong gale in the Hebrides and at Christainsund. Light anticyclonic airs prevailing over the centre and south of Europe. A considerable increase taking place later in the force of the Westerly to South-Westerly current in all the northern countries; gales becoming rather general over the southern half of Scandinavia, and an Easterly gale setting in at Bodö.

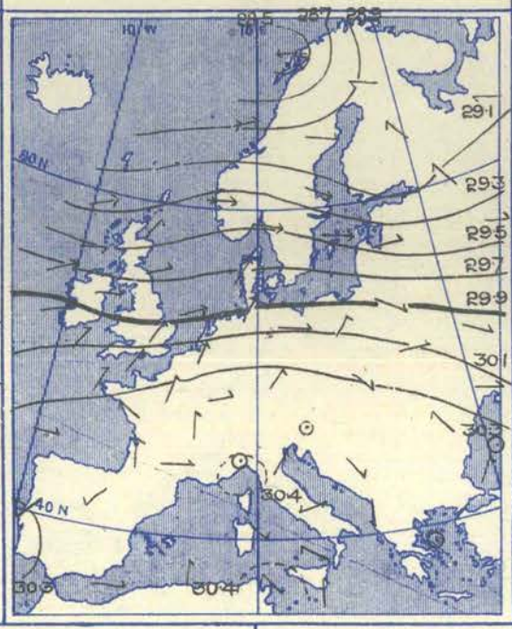
BAROMETER at 8 a.m. above 30·5 ins. in a large anticyclone having its central space over Italy; readings decreasing to less than 29·0 ins. in the north of Finland. A fresh depression appearing off the west of Norway later, and pressure decreasing quickly in the north-west and west of our area generally. Anticyclone receding southwards, and gradients becoming steep or rather steep over all the more northern countries.

Thursday, 8th March, 1906.

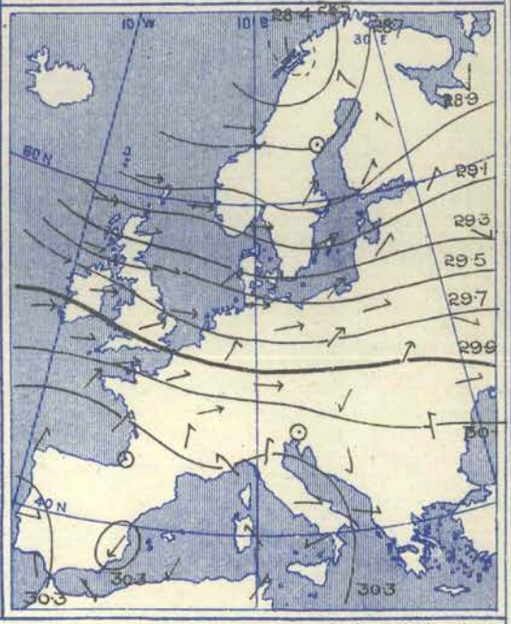
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine and bright in the central and southern countries and at a few stations in Scandinavia; cloudy or overcast generally, with rain over England and Denmark, and snow in the Hebrides and in the extreme north of Europe. Rain also falling in the south-west of the Iberian Peninsula. Snow and hail showers experienced later in Scotland, with a thunderstorm at Leith, and rain over England and Ireland and the nearer countries of the Continent.

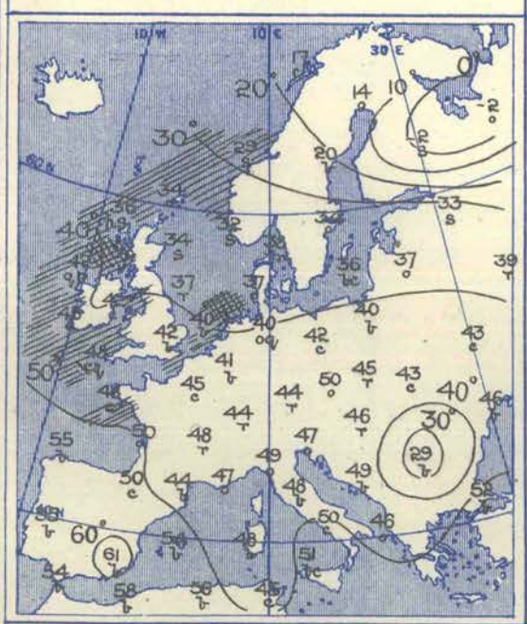
TEMPERATURE fallen as a whole. Morning readings ranging from 61° at Algiers and 59° at Bilbao, to below 40° in the north of Scotland, and to below 20° at some stations in the north of the Continent. Lowest readings, 11° at Kuopio and Haparanda, and 10° at Archangel. Maxima during day a little above 70° in Algeria and about 65° in many parts of southern Europe. Above 60° in various parts of Austria and Germany. Thermometer only rising to about 50° in England.

WIND in morning light and anticyclonic over the Mediterranean and the neighbouring countries, and mainly Westerly, over Europe generally. Fresh or strong to a moderate gale over the United Kingdom, and strong to a gale over the southern half of Scandinavia. An Easterly gale prevailing at Bodö. No great change later; some increase in force taking place over these Islands.

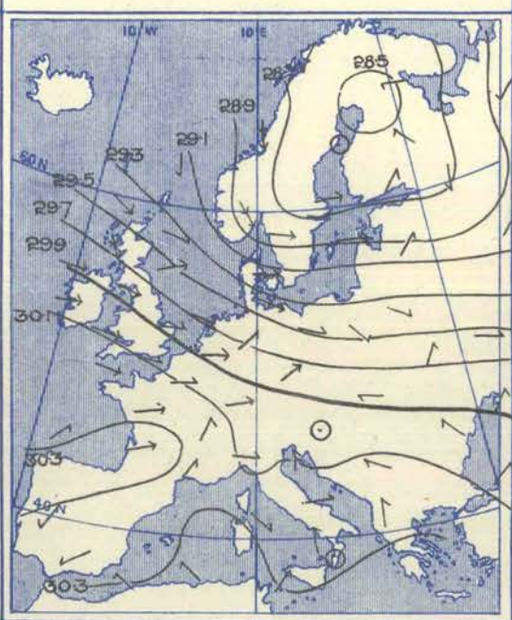
BAROMETER in morning above 30·4 ins. in a large system covering a good part of the Mediterranean and its vicinity. Below 28·5 ins. in a very extensive depression having its minimum near Bodö. Gradients steep or rather so north of latitude 50°. A small local disturbance shown over the St. George's Channel. Northern disturbance travelling rather slowly eastwards later, and at the same time spreading out in a southerly direction and causing a very brisk fall of the barometer over the region of the Baltic. Pressure continuing to decrease over our northern districts during day, but scarcely changing in the west.

Friday, 9th March, 1906.

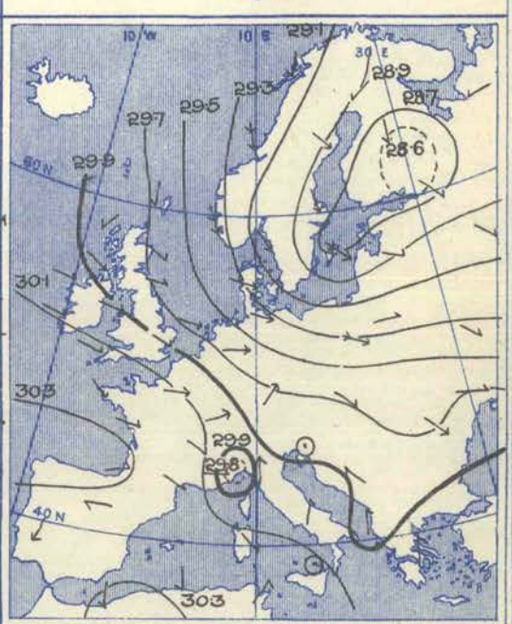
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. cloudy or overcast in most parts of our area, with rain in the east and centre of France, and rain or snow in the northern parts of these Islands, in Hungary, and the northern regions of the Continent. Fine and bright in the south of England and in various parts of southern Europe. Rain or snow falling later in the west and north of our Islands and over all the more northern regions of the Continent. Heaviest falls, 0·6 in. at Wick and Hamburg.

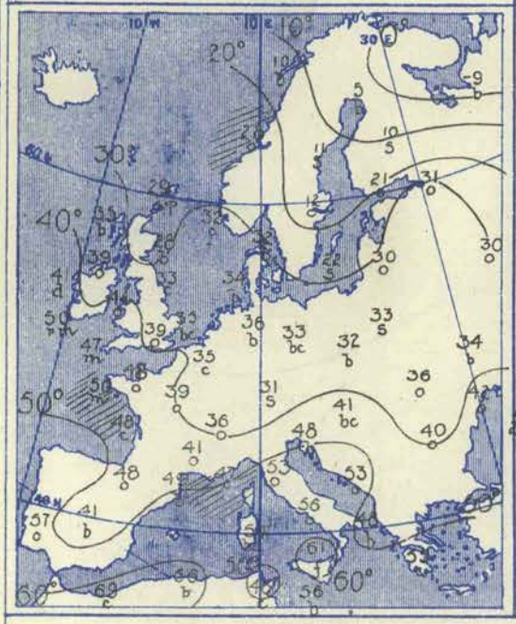
TEMPERATURE fallen generally; readings in morning above 50° at some stations in the extreme south and south-west of our area and also at Vienna. Below 32° in nearly all parts of Scandinavia and the north of Russia, and below 20° in places. Lowest values, 14° at Haparanda and −2° at Kuopio and Archangel. Maxima during day below 40° in many Scotch localities, and below 50° in nearly all parts of England. Thermometer rising to 70° at Nice, Lisbon, and Madrid, and to above it in Algeria, and to 60° or rather higher in Italy.

WIND at 8 a.m. strong to a gale from the North-Westward over the United Kingdom and Norway, and drawing into West and blowing with about equal strength over the central and northern countries of the Continent generally. Light from the Eastward or North-Eastward in the north of Russia and Scandinavia, and light and variable over the southern regions of our area. No change of importance occurring later.

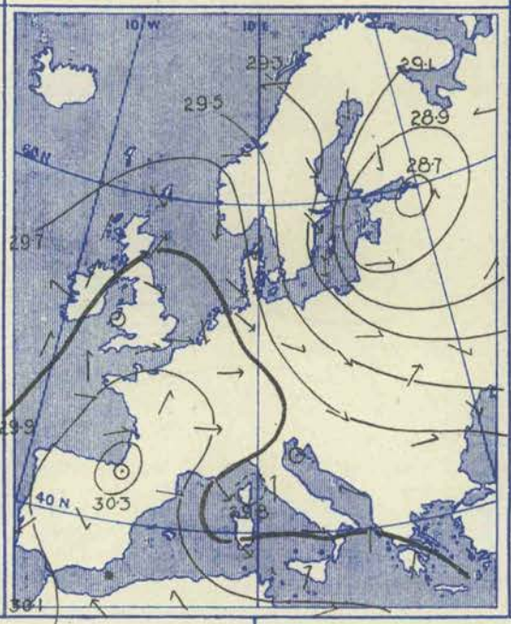
BAROMETER in morning ranging from 30·3 ins. over the north of the Spanish Peninsula and the adjacent portion of the Bay of Biscay, to about 28·4 ins. in the centre of a very extensive cyclonic disturbance over the north of Scandinavia. Gradients steep or rather so except in the immediate neighbourhood of the depression and in southern Europe. Depression moving south eastwards during day, and pressure increasing very quickly over Scotland and Norway. A rather deep disturbance forming over the Gulf of Genoa and its vicinity by evening. A decrease of gradient taking place over the United Kingdom and the North Sea.

Saturday, 10th March, 1906.

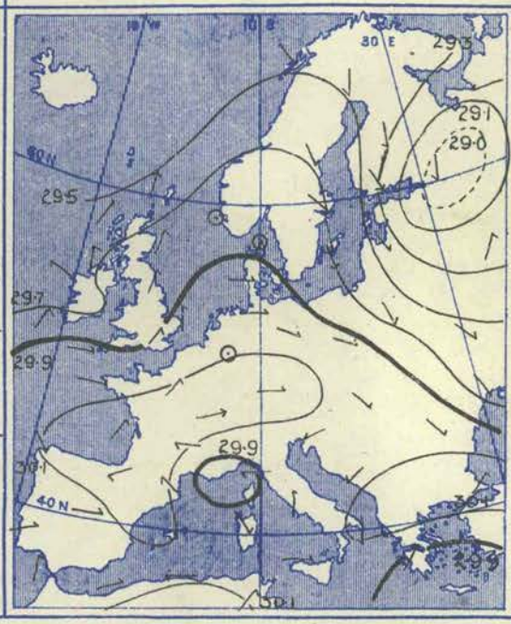
Temperature and Weather. — 8 a.m.



Barometer and Wind. — 8 a.m.



Barometer and Wind. — 6 p.m.



WEATHER at 8 a.m. fine and bright in Algeria and in several parts of Germany and Denmark, and at nearly all Scotch stations; cloudy or overcast as a whole, with rain in Ireland and snow in the Shetlands, and at Prague and Warsaw, as well as in various parts of Sweden and Finland. Considerable or heavy falls of rain later over the United Kingdom, the north-east of France, and at Oporto, and smaller amounts of rain or snow in various parts of northern Europe.

TEMPERATURE fallen generally, risen in the far south. Readings in morning ranging from 69° at Nemours and 66° at Algiers to below 30° in Scotland, and to less than 20° over the major portion of northern and north-eastern Europe. Lowest value, −9° at Archangel. Rising during day to above 70 in Algeria and at Madrid, to 68° at Palermo, and to above 60° in the south generally. Thermometer not touching 50° over the central and northern regions of the Continent, and remaining below 40° in places.

WIND in morning showing a large cyclonic circulation over the northern countries, the Northerly current in Sweden being strong to a gale; light anticyclonic airs prevailing over most of France and the south of England, but light or moderate cyclonic airs all along our western coasts. Varying Southerly winds becoming general over Great Britain during day.

BAROMETER in morning above 30·3 ins. in the central part of an anticyclone near Biarritz; less than 29·8 ins. in a depression near Nice, and as low as 28·7 ins. in a very deep disturbance having its minimum near St. Petersburg. Pressure relatively low and decreasing on all our west and south-west coasts. Russian depression travelling eastwards during day, and decrease of pressure continuing in the west and south-west of these Islands and extending to all our coasts. Southern anticyclone decreasing in intensity.

IV.—BRIGHT SUNSHINE Values for the Week, in addition to those on page 56.

	STATIONS.	No. of Hours recorded.	Difference from the Mean for the Week.	Percentage of Possible Duration	Difference from the Mean for the Week.
1.	Crathes	23·9	—	31	—
	Balruddery	20·9	—	27	—
2.	Saltburn-by-the-Sea	40·2	—	52	—
3.	Cromer	40·4	—	52	—
	Dunmow	37·5	—	48	—
	London, Bunhill Row	22·5	+ 9·5	29	+ 12
4.	Sheffield	34·1	—	44	—
5.	Margate	44·0	+ 19·8	56	+ 25
	Ramsgate	46·6	—	60	—
	Eastbourne	37·6	+ 10·7	48	+ 14
	Brighton	30·9	+ 4·0	40	+ 5
	Worthing	23·6	—	43	—
	Bognor	34·1	—	44	—
	Ventnor Hospital	33·1	+ 4·1	42	+ 5
7.	Southport	28·5	—	37	—
	Rhyl	35·1	—	45	—
	Aberdovey	14·0	—	18	—
8.	Aberystwyth	17·0	—	22	—
	Tenby	18·8	− 9·2	24	− 12
	Torquay	38·0	+ 10·3	49	+ 13
	Newquay	34·6	+ 7·5	44	+ 10

V.—OBSERVATIONS IN THE UPPER AIR.—Temperature, Humidity and Wind Velocity.

Date of Observation.	Station and its Height above M.S.L.		Heights in feet above Mean Sea Level. Ground Level.	1,660.	3,320.	5,000.	6,660.	8,320.	10,000.	Remarks.
1906. March 5th, 10.30 a.m.—11.50 a.m.	Oxshott, 200 ft.	Temperature F.	49°	40°	[40°]					One kite. Wire 2,800 ft.? Max. height 2,700 ft. Cloud level 1,600 ft. Drizzling rain.
		Humidity	80	100	[90]					
		Wind Velocity, m. per hr.	S, 12	SSW, 33	[S by W, 40]					
March 7th, 10.20 a.m.—12.50 p.m.	Oxshott, 200 ft.	Temperature F.	58°	50°	48°	46°	[45°]			One kite. Wire 8,800 ft. Max. height 6,100 ft. Unusual clearness, the moon being visible at mid-day near the Eastern horizon. Strong wind in the afternoon.
		Humidity	65	60	40	25	[10]			
		Wind Velocity, m. per hr.	SW by S, 11	SW, 33	SW, 35—	WSW, 45	[WSW, 50]			
March 7th 3.0 p.m.—5.10 p.m.	Ditcham Park, Petersfield, 400 ft.	Temperature F.	57°	51°	50°	45°				One kite. Wire 8,320 ft. Max. height 5,700 ft. Lowest temp. 43°. Humidity 35 %. Wind strongest just below 5,000 ft.
		Humidity	70	70	60	50				
		Wind Velocity, m. per hr.	SW,—	—	WSW, —	W by S, —				
		Temperature F.								
		Humidity								
		Wind velocity, m. per hr.								
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								

63, Victoria Street, London, S.W.
March 13th, 1906.

W. N. SHAW,
Director.

ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE,

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TWENTY-NINTH YEAR. Vol. XXIII. (New Series.) } No. 11. ELEVENTH WEEK, ENDING SATURDAY, MARCH 17TH, 1906. [Price 6d. Annual Subscription post paid £1 10s. 0d.

I.—GENERAL REMARKS.

Weather was in a very changeable condition over the whole Kingdom, and especially in the western, northern, and southern districts, where rain, sleet, or snow was experienced nearly every day. In the west of Scotland the rainfall was very heavy and resulted in serious floods; at Fort William on Friday there was as much as 2·91 ins.

Temperature underwent considerable variations. At first it was about normal, but soon fell to a very low level for the time of year, especially in Scotland and the north of England. By Thursday morning a very rapid recovery had taken place throughout the whole Kingdom, and the thermometer was subsequently high for the season. The mean for the whole week was between 3° and 5°·5 below the average in Scotland and rather below it in nearly all parts of England and Ireland; elsewhere, however, it was above—nearly 2° in Ireland and the Channel Islands. The maxima, which occurred on the 17th, varied from 66° in England S.W. and 65° in many other parts of England to only 52° in Scotland N. The absolute minima occurred on the 13th or 14th and were as low as 8° in Scotland N. (at Fort Augustus), 12 in Scotland E. (at Clathick), and 16° in England N.W. (at Newton Rigg). In the other districts the readings ranged from 18° in England N.E., the Midland Counties, and Scotland W. to 30° in Ireland S. and to 36° in the Channel Islands.

Rainfall exceeded the average except in England N.E. and the Channel Islands, the excess being large in Scotland and in nearly all the western districts. At Glencarron the aggregate fall for the week was 3·93 ins. and at Fort William 3·99 ins.

Bright Sunshine did not differ greatly from the average over Great Britain, but was deficient in Scotland. The percentage of the possible duration ranged from 40 in England N.E. and 38 in Scotland E. to 26 in Scotland N. and W., 21 in Ireland S. and to 16 in Ireland N.

Barometer and Wind. The changes in pressure and the direction of the wind were frequent and sudden, and the baric gradient often steep. The most important cyclonic system appeared over the north-west of Ireland on Sunday morning, and subsequently moved eastwards to the north-east of England, and finally north-eastwards to Scandinavia. During its passage across our Islands and the North Sea it increased greatly in depth, and the North-Westerly and Northerly winds blew a fresh to strong gale over our Islands and the North Sea, the gale being accompanied on our east and south-east coasts by an abnormally high tide. During the earlier part of the week the centres of the depressions remained outside our north-western and northern coasts, and the prevailing South-Westerly and Westerly winds were strongest in the north of Ireland, where they blew a fresh to whole gale.

SUMMARY OF TEMPERATURE, RAINFALL, AND DURATION OF BRIGHT SUNSHINE IN THE UNITED KINGDOM, FOR AGRICULTURAL AND SANITARY PURPOSES.

THE WEEK (11th)—March 11th to March 17th, 1906.

DISTRICTS. (See p. 62.)	Temperature. Highest.	Lowest.	Means of: Daily Max.	Daily Min.	Daily Mean.	Difference from Av. (35 Yrs.)	Accumulated. Number of Day-Degrees. Above 42°	Difference from Av. (25 Yrs.)	Below 42°	Difference from Av. (25 Yrs.)	Rainfall. Number of Rain-Days.	Diff. from Av. (35 Yrs.)	Total Fall.	Difference from Average (35 Yrs.)	Sunshine. Hours recorded.	Diff. from Av. (25 Yrs.)	Percentage of Possible Duration.	Diff. from Av. (25 Yrs.)
	°	°	°	°	°	°	Day-deg.	Day-deg.	Day-deg	Day-deg.			Inches.	Inches.			%	%
0. SCOTLAND, NORTH ..	52	8	40·1	26·8	33·3	− 5·5	0	−10	61	+ 29	6	+ 1	2·09	+1·10	21	0	26	0
Eastern 1. SCOTLAND, EAST ..	56	12	43·3	27·7	35·3	− 4·0	4	−10	50	+ 15	5	+ 1	1·05	+0·53	31	+ 6	38	+ 7
Eastern 2. ENGLAND, N.E. ..	62	18	48·6	32·8	40·5	− 0·2	18	+ 1	35	+ 7	4	0	0·28	−0·10	33	+ 8	40	+10
Eastern 3. ENGLAND, EAST ..	65	26	49·6	35·5	42·3	+ 0·9	29	+ 7	18	− 12	5	+ 2	0·39	+0·04	28	+ 3	35	+ 4
Eastern 4. MIDLAND COUNTIES	65	18	49·8	35·0	42·2	+ 1·0	31	+ 8	20	− 10	5	+ 2	0·49	+0·08	28	+ 2	35	+ 3
Eastern 5. ENGLAND, SOUTH ..	65	27	48·3	37·3	42·6	+ 0·5	24	+ 1	13	− 10	6	+ 3	0·49	+0·06	23	− 4	28	− 5
Western 6. SCOTLAND, WEST ..	54	18	43·9	32·7	38·2	− 2·8	5	−10	33	+ 8	5	+ 1	1·74	+0·88	21	− 3	26	− 3
Western 7. ENGLAND, N.W. ..	58	16	46·6	35·1	40·7	− 0·7	13	− 9	26	+ 3	6	+ 2	1·26	+0·72	25	+ 4	30	+ 5
Western 8. ENGLAND, S.W. ..	66	24	48·9	37·5	43·1	+ 0·6	27	+ 4	13	− 6	6	+ 2	1·15	+0·54	23	− 4	28	− 5
Western 9. IRELAND, NORTH ..	56	20	47·3	34·8	40·9	− 1·0	15	− 5	28	+ 6	6	+ 2	1·31	+0·70	13	−10	16	−12
Western 10. IRELAND, SOUTH ..	60	30	51·3	39·9	45·4	+ 1·8	33	+ 7	6	− 11	6	+ 2	0·77	+0·08	17	−12	21	−14
11. CHANNEL ISLANDS..	59	36	51·5	42·6	46·9	+ 1·7	34	+ 5	0	− 7	5	+ 1	0·51	−0·03	24	− 8	30	−10

THE SEASON (**Spring**).—Aggregates, &c., for the Period of 2 Weeks, March 4th to March 17th, 1906.

0. SCOTLAND NORTH ..	55	8	•	•	•	•	8	−11	87	+ 22	12	+ 3	3·85	+1·85	34	− 6	22	− 4
Eastern 1. SCOTLAND, EAST ..	56	11	•	•	•	•	17	−10	74	+ 3	10	+ 3	1·64	+0·59	54	+ 9	34	+ 6
Eastern 2. ENGLAND, N.E. ..	63	18	•	•	•	•	53	+21	45	− 12	7	0	0·52	−0·26	68	+15	43	+10
Eastern 3. ENGLAND, EAST ..	67	26	•	•	•	•	72	+31	29	− 32	8	+ 1	0·63	−0·07	67	+17	42	+11
Eastern 4. MIDLAND COUNTIES	66	18	•	•	•	•	73	+30	32	− 30	9	+ 2	0·96	+0·13	61	+13	38	+ 8
Eastern 5. ENGLAND, SOUTH ..	66	27	•	•	•	•	60	+17	21	− 26	9	+ 2	0·90	+0·03	58	+ 7	37	+ 4
Western 6. SCOTLAND, WEST ..	54	18	•	•	•	•	23	− 6	39	− 12	10	+ 2	2·96	+1·19	37	− 8	23	− 5
Western 7. ENGLAND, N.W. ..	62	16	•	•	•	•	39	− 3	32	− 15	11	+ 4	2·48	+1·39	45	+ 7	28	+ 4
Western 8. ENGLAND, S.W. ..	66	24	•	•	•	•	61	+17	19	− 20	11	+ 4	2·17	+0·91	49	0	31	0
Western 9. IRELAND, NORTH ..	56	20	•	•	•	•	39	+ 1	33	− 12	12	+ 3	2·34	+1·11	28	−16	18	−10
Western 10. IRELAND, SOUTH ..	60	30	•	•	•	•	69	+19	6	− 28	12	+ 4	1·98	+0·56	36	−15	22	− 9
11. CHANNEL ISLANDS..	60	33	•	•	•	•	77	+21	0	− 15	8	0	0·80	−0·30	63	+ 2	40	+ 1

THE YEAR.—Aggregates, &c., for the period of 11 Weeks, December 31st, 1905, to March 17th, 1906.

0. SCOTLAND, NORTH ..	55	8	•	•	•	•	26	−59	428	+ 41	64	+12	16·93	+5·24	137	+ 4	21	+ 1
Eastern 1. SCOTLAND, EAST ..	56	11	•	•	•	•	54	−54	404	− 32	46	+ 4	6·63	+0·46	218	+43	32	+ 6
Eastern 2. ENGLAND, N.E. ..	63	18	•	•	•	•	109	− 7	306	− 58	44	+ 6	4·60	+0·20	223	+34	32	+ 5
Eastern 3. ENGLAND, EAST ..	67	23	•	•	•	•	150	+14	278	−124	49	+10	6·23	+2·04	224	+43	31	+ 6
Eastern 4. MIDLAND COUNTIES	66	18	•	•	•	•	152	+ 1	308	− 99	49	+10	6·87	+1·75	202	+39	28	+ 5
Eastern 5. ENGLAND, SOUTH ..	66	20	•	•	•	•	193	+30	222	− 87	54	+14	8·36	+2·84	235	+45	32	+ 6
Western 6. SCOTLAND, WEST ..	54	14	•	•	•	•	85†	−38	273†	− 34	55	+ 7	13·93†	+3·07	180	+30	26	+ 4
Western 7. ENGLAND, N.W. ..	62	16	•	•	•	•	116	−28	239	− 62	54	+12	11·04	+4·47	176	+26	25	+ 4
Western 8. ENGLAND, S.W. ..	66	20	•	•	•	•	213	+14	199	− 36	58	+15	13·75	+5·44	209	+28	29	+ 4
Western 9. IRELAND, NORTH ..	56	20	•	•	•	•	137	−28	239	− 30	67	+16	11·01	+3·42	176	+14	25	+ 2
Western 10. IRELAND, SOUTH ..	60	24	•	•	•	•	257	+18	168	− 34	64	+17	10·75	+1·32	186	− 8	26	− 1
11. CHANNEL ISLANDS..	60	27	•	•	•	•	317	+34	43	− 54	62	+14	9·43	+1·99	248	+21	33	+ 3

† This value has been altered owing to the receipt of further information.

Bright Sunshine.—For certain of the Districts the values of Bright Sunshine in this Table are based on the records from a part only of the Stations included in the Tables under II. and IV. For certain of the Stations Mean Values are not available, and for the Districts containing these Stations the "Difference from Average" is based on the records from a smaller number of Stations than those supplying the values for "Hours Recorded."

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II.—DATA from which the SUMMARY on page 61 has been calculated.

March 11-17, 1906.		Temperature. In Degrees Fahrenheit.								Rainfall.			Bright Sunshine.			
Districts.	Names of Stations.	Highest observed.	Lowest observed.	Averages for the Week. Of Highest each day.	Of Lowest each day.	For whole of each day.	Difference of Daily Average from Mean for the Week.	Accumulated Heat for the Week (in Day-degrees). Above 42°	Below 42°	Number of Rain-Days.	Rainfall in the Week.	Difference from the Mean for the Week.	Number of Hours recorded.	Difference from the Mean for the Week.	Percentage of possible duration.	Difference from the Mean for the Week.
		°	°	°	°	°	°	Day-deg	Day-deg		Inches.	Inches.	Hrs.	Hrs.	%	%
0. SCOTLAND, N.	†Sumburgh Head (Deerness)	47	20	38·7	28·1	33·2	- 5·2	0	62	7	0·71	+ 0·83	23·7	+ 0·7	30	+ 1
	Wick	48	17	39·7	24·7	32·0	- 7·3	0	70	7	1·23	+ 0·74	*	*	*	*
	†Lairg (Strathpeffer) Ⓢ	48	11	39·5	24·9	32·0	- 5·3	0	70	5	1·53	+ 0·82	22·9	+ 2·6	28	+ 3
	Stornoway	51	19	41·1	27·3	34·0	- 5·6	0	56	5	0·87	- 0·03	22·6	- 0·2	28	0
	Glencarron	48	13	38·5	27·4	32·8	- 5·2	0	64	6	3·93	+ 2·15	*	*	*	*
	Fort Augustus	50	8	41·1	27·1	33·9	- 5·5	0	57	7	2·34	+ 1·50	14·6	- 2·4	18	- 3
	Fort William Ⓢ	52	12	41·8	28·3	34·9	- 4·7	0	50	6	3·99	+ 2·48	*	*	*	*
1. SCOTLAND, E.	Nairn	52	19	42·7	26·4	34·3	- 5·4	2	53	6	1·08	+ 0·67	*	*	*	*
	Aberdeen	56	21	42·9	29·0	35·7	- 4·2	3	44	6	0·94	+ 0·41	31·5	+ 5·4	39	+ 7
	Balmoral	50	13	38·0	25·9	31·8	- 4·1	0	71	7	0·81	+ 0·21	*	*	*	*
	Clathick	54	12	42·5	27·3	34·7	- 5·0	1	50	4	1·57	+ 0·90	*	*	*	*
	†Leith (Edinburgh) Ⓢ	55	21	46·0	29·9	37·7	- 3·6	11	43	5	0·92	+ 0·57	27·9	+ 7·3	34	+ 9
	Marchmont Ⓢ	53	15	47·6	27·6	37·3	- 1·5	16	52	4	0·98	+ 0·42	29·2	+ 5·3	36	+ 7
2. ENGLAND, N.E. Northern part.	†Alnwick Castle (Cockle Park)	56	19	48·5	29·8	38·9	- 1·0	18	46	4	0·53	- 0·01	35·3	—	44	—
	†Shields (Newcastle)	58	18	48·0	29·0	38·2	- 2·5	17	48	3	0·18	- 0·21	27·8	+ 8·1	34	+ 10
	Durham	55	18	46·3	31·1	38·5	- 1·3	12	40	2	0·13	- 0·29	37·3	+ 12·6	46	+ 16
	Scarborough Ⓜ	60	24	50·0	34·0	41·8	+ 0·8	22	32	3	0·45	+ 0·05	31·3	—	39	—
	York	58	20	48·1	34·1	40·9	0·0	17	31	5	0·23	- 0·15	26·3	+ 4·2	33	+ 5
Southern part.	†Spurn Head (Skegness)	57	29	47·0	35·3	41·0	+ 0·2	14	26	3	0·25	- 0·05	31·0	—	38	—
	Lincoln	62	26	50·6	34·6	42·4	+ 1·0	34	21	3	0·26	- 0·06	*	*	*	*
	†Fulbeck (Rauceby)	61	25	50·4	34·1	42·0	+ 1·0	24	22	5	0·23	- 0·10	33·4	—	41	—
3. ENGLAND, E. Northern part.	Hillington Ⓜ	63	26	48·9	34·3 ?	41·4	+ 0·3	19	30	5	0·42	+ 0·02	27·7	+ 2·5	34	+ 3
	†Yarmouth (Lowestoft)	63	28	48·9	34·6	41·5	+ 1·2	19	29	5	0·48	+ 0·11	33·0	—	41	—
	Geldeston	64	27	50·4	35·0	42·5	+ 1·3	33	20	6	0·49	+ 0·16	31·5	+ 3·7	39	+ 5
Southern part.	Cambridge	65	26	50·2	35·1	42·4	+ 0·8	32	19	6	0·58	+ 0·28	31·2	+ 4·2	39	+ 5
	Felixstowe	61	28	49·7	35·9	42·6	+ 1·0	30	17	6	0·49	—	31·2	—	39	—
	Clacton-on-Sea	59	27	47·3	35·3	41·1	- 0·8	15	26	5	0·27	—	26·6	—	33	—
	Rothamsted	63	26	50·1	35·6	42·6	+ 1·9	31	18	5	0·37	- 0·04	28·5	+ 2·7	35	+ 3
	†Shoeburyness (Southend)	61	27	49·4	36·3	42·7	+ 0·6	29	16	4	0·28	+ 0·02	25·8	—	32	—
	London, Westminster	64	30	51·1	37·4	44·1	+ 1·7	34	13	4	0·16	—	17·1	+ 2·1	21	+ 3
4. MIDLAND COUNTIES. Eastern part.	Harrogate	57	18	47·7	30·8	39·0	- 0·7	16	41	5	0·59	+ 0·11	33·9	—	42	—
	†Bawtry (Worksop)	62	25	50·9	36·6	43·5	+ 2·4	33	15	2	0·06	- 0·29	28·1	+ 6·0	35	+ 7
	Nottingham	62	28	50·4	35·4	42·7	+ 1·5	33	18	5	0·32	- 0·03	32·6	—	40	—
	†Colly Weston (Oundle)	64	25	51·4	34·1	42·5	+ 1·2	37	22	3	0·19	- 0·14	32·0	—	40	—
	Birmingham, Edgbaston	61	26	47·7	35·2	41·3	+ 0·4	16	27	4	0·42	+ 0·04	24·0	—	30	—
	Oxford	64	29	50·7	36·1	43·2	+ 1·4	33	17	7	0·33	- 0·02	28·6	+ 3·7	35	+ 5
Western part.	Cheadle Ⓜ	58	24	46·4	33·5	39·8	- 0·2	12	32	6	1·06	+ 0·56	*	*	*	*
	Shrewsbury	60	26	51·0	36·3	43·4	+ 1·1	34	16	5	0·33	—	*	*	*	*
	Hereford Ⓜ	63	28	52·3	36·1	44·0	+ 2·1	39	17	6	0·44	+ 0·06	*	*	*	*
	Cirencester	62	27	48·3	34·5	41·2	+ 0·6	18	29	7	0·67	+ 0·22	23·2	- 2·5	29	- 3
	Bath	65	31	50·7	36·3	43·3	+ 1·0	33	16	6	1·01	+ 0·53	26·7	—	33	—
5. ENGLAND, S.	†London, Brixton (Kew)	65	30	51·3	37·3	44·1	+ 1·6	34	13	4	0·21	- 0·14	25·6	+ 2·5	32	+ 3
	Wisley, Surrey	62	29	49·9	36·9	43·2	+ 1·6	30	14	5	0·33	—	23·4	—	29	—
	Swarraton Ⓜ	62	29	48·7	36·8	42·6	+ 1·8	26	15	6	0·55	+ 0·05	*	*	*	*
	Tunbridge Wells Ⓜ	58	28	46·9	35·3	40·9	- 0·3	14	25	6	0·60	+ 0·14	22·0	- 4·5	27	- 6
	†Dungeness (Littlestone)	50	27	46·4	36·6	41·4	- 0·4	12	21	6	0·52	+ 0·21	20·4	—	25	—
	Hastings	51	28	45·9	37·6	41·6	- 0·6	11	17	7	0·49	+ 0·04	20·3	- 9·6	25	- 12
	Southampton	60	31	49·6	39·0	44·1	+ 0·9	27	8	6	0·50	+ 0·01	24·0	- 3·9	30	- 5
	†Portland Bill (Bournemouth)	52	33	47·3	38·9	43·0	- 0·6	20	9	7	0·71	—	21·7	—	27	—
6. SCOTLAND, W.	Laudale, Loch Sunart	54	18	43·4	30·2	36·6	- 4·7	4	41	?5	2·45	+ 0·95	*	*	*	*
	Glasgow Ⓢ	50	19	41·3	31·0	36·0	- 4·2	0	42	4	2·15	+ 1·55	20·5	+ 2·1	25	+ 3
	Dumfries Ⓢ	53	18	44·8	32·7	38·6	- 2·2	8	33	5	1·22	+ 0·47	*	*	*	*
	Cally Ⓢ	48	23	43·8	34·6	39·1	- 1·6	5	26	6	1·35	+ 0·53	*	*	*	*
	Douglas, Isle of Man	53	23	46·1	35·2	40·5	- 1·1	11	26	6	1·51	+ 0·88	21·5	- 7·5	27	- 9
7. ENGLAND, N.W.	Aspatria	50	19	44·2	33·1	38·5	- 1·8	6	32	6	1·29	+ 0·66	21·9	—	27	—
	Newton Rigg	54	16	46·2	29·5	37·6	- 1·5	12	45	5	1·06	+ 0·47	24·9	+ 0·9	31	+ 1
	Stonyhurst	54	25	44·6	33·9	39·1	- 1·0	7	29	4	1·57	+ 0·77	30·5	+ 7·1	38	+ 9
	Blackpool Ⓜ	51	25	44·9	35·8	40·2	- 0·8	8	23	4	0·98	+ 0·48	29·7	+ 6·3	37	+ 8
	Manchester, Prestwich	58	26	47·8	34·7	41·1	+ 0·4	16	29	6	1·26	+ 0·67	23·5	+ 5·5	29	+ 7
	†Liverpool Obs. (Hoylake)	54	27	48·0	35·9	41·8	- 0·1	17	25	6	0·90	+ 0·50	29·0	—	36	—
	Hawarden Bridge	56	27	49·3	36·1	42·5	0·0	28	17	5	0·59	+ 0·25	*	*	*	*
NORTH WALES	Llandudno Ⓜ	54	27	48·8	37·8	43·1	+ 0·1	25	12	7	1·09	+ 0·63	25·5	+ 1·1	32	+ 1
	Holyhead	51	30	45·9	37·1	41·4	- 1·5	11	19	7	0·91	+ 0·38	*	*	*	*
	Bettws-y-Coed	52	27	46·3	37·1	41·6	- 1·1	12	19	7	2·97	—	15·8	—	20	—
8. SOUTH WALES	Llangammarch Wells	54	24	46·2	34·1	40·0	- 1·1	12	30	7	2·22	—	20·6	—	25	—
	Pembroke	51	34	47·6	39·3	43·3	+ 0·4	20	8	6	0·76	+ 0·26	24·3	- 4·2	30	- 5
	Cardiff	59	30	49·2	36·6	42·7	- 0·3	28	15	7	1·39	+ 0·73	*	*	*	*
ENGLAND, S.W.	Clifton	62	30	50·0	36·7	43·2	+ 1·2	31	15	7	1·41	+ 0·87	*	*	*	*
	†Shaftesbury (Marlborough) Ⓜ	57	28	46·8	35·8	41·1	+ 0·5	13	24	6	0·51	+ 0·01	23·4	+ 0·4	29	+ 1
	Arlington, N. Devon	60	29	48·7	36·7	42·5	+ 1·5	26	15	7	1·57	+ 0·72	*	*	*	*
	Cullompton Ⓜ	66	29	51·8	37·7	44·5	+ 1·2	36	12	5	1·06	+ 0·50	22·7	- 3·3	28	- 4
	Plymouth	56	34	49·8	39·3	44·4	+ 0·5	28	8	6	0·68	+ 0·10	24·4	- 4·6	30	- 6
	Falmouth	58	33	50·4	41·6	45·9	+ 1·6	29	1	6	0·76	+ 0·04	25·6	- 4·5	32	- 6
9 IRELAND, N. Western part.	Malin Head	52	25	44·7	32·4	38·4	- 3·8	8	34	7	1·49	+ 0·99	*	*	*	*
	Edenfel	54	20	47·1	32·4	39·5	- 0·8	14	35	6	1·73	+ 1·09	*	*	*	*
	Blacksod Point	53	34	47·6	38·9	43·1	- 0·5	21	9	7	1·57	+ 0·71	*	*	*	*
	Markree Castle	55	30	48·2	36·5	42·2	+ 0·5	25	15	7	1·59	+ 0·89	11·9	- 11·2	15	- 14
Eastern part.	Armagh	55	28	48·3	34·9	41·4	+ 0·2	18	28	6	0·77	+ 0·28	14·2	- 8·7	18	- 11
	Donaghadee	56	25	48·1	33·7	40·7	- 1·3	17	32	5	0·70	+ 0·23	*	*	*	*
10. IRELAND, S. Eastern part.	†Dublin, City (Phœnix Park)	60	32	51·5	38·6	44·9	+ 1·4	35	10	6	0·39	- 0·04	19·3	- 7·8	24	- 10
	Kilkenny	58	33	51·3	38·7	44·8	+ 1·9	33	9	5	0·81	+ 0·31	*	*	*	*
	Waterford	57	32	51·0	39·4	45·0	+ 2·1	32	7	6	0·70	+ 0·07	*	*	*	*
Western part.	Birr Castle	56	30	50·3	36·4	43·1	+ 1·2	31	16	6	0·94	+ 0·40	10·3	- 14·3	13	- 18
	Foynes	56	34	50·3	40·2	45·1	+ 1·8	29	5	6	1·32	+ 0·68	*	*	*	*
	Killarney	59	35	52·9	42·3	47·4	+ 2·9	38	0	7	0·73	- 0·33	*	*	*	*
	Valencia	55	35	51·6	43·3	47·3	+ 1·9	37	0	5	0·80	- 0·19	14·9	- 12·5	18	- 15
	†Roches Point (Ballinacurra)	58	35	51·1	40·6	45·7	+ 1·2	32	4	7	0·47	- 0·24	22·4	—	28	—
11. ENGLISH CHANNEL	Scilly, St. Mary's	57	41	52·3	44·0	48·0	+ 2·1	42	0	6	0·45	- 0·08	25·8	- 5·1	32	- 6
	†Jersey, St. Aubins (St. Heliers)	* 58	36	51·9	41·9	46·8	+ 1·9	34	0	5	0·42	- 0·09	23·6	- 9·3	29	- 11
	Guernsey	59	36	50·4	41·9	46·0	+ 1·1	28	0	3	0·65	+ 0·09	23·2	- 9·0	28	- 11

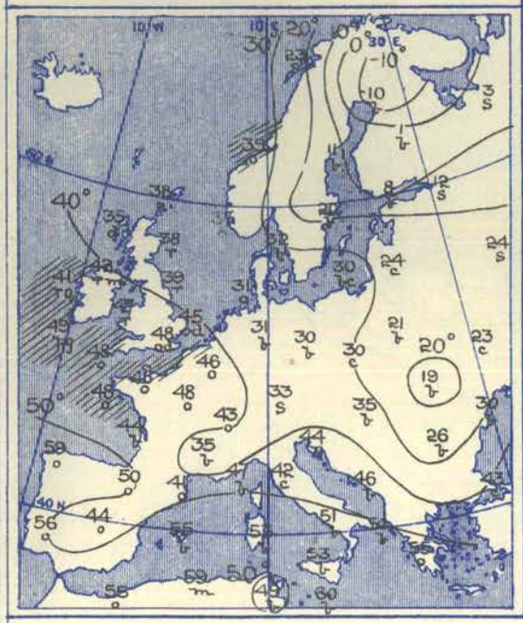
Information for Stations marked Ⓜ is supplied by the Royal Meteorological Society, and that for Stations marked Ⓢ is supplied by the Scottish Meteorological Society.

* An Asterisk is inserted in all places for which the information is not usually given.

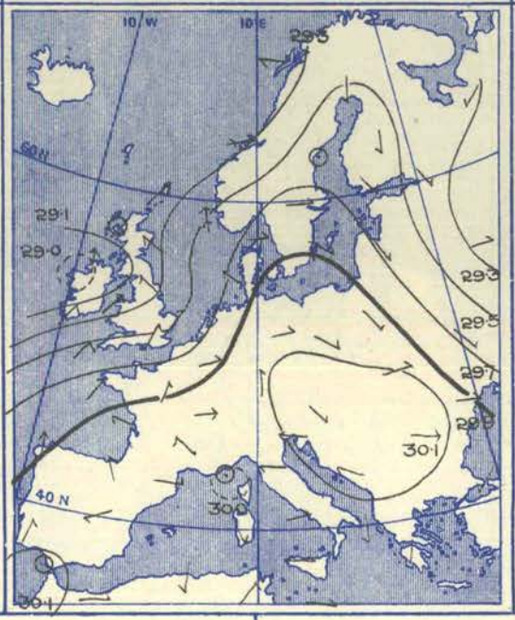
† There is no Sunshine Recorder in use at this Station. The figures entered for Sunshine are those recorded at a neighbouring Station of which the name is given in brackets.

Sunday, 11th March, 1906.

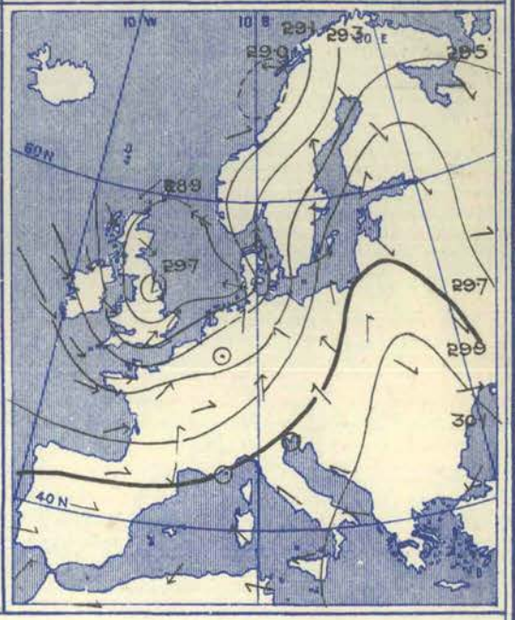
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine and bright in most southern regions, as well as in North Germany, Denmark, Sweden, and Finland; cloudy or overcast elsewhere, with rain in many parts of the United Kingdom, the Low Countries and western Germany, and also at Oporto, and with snow at Bodö and in northern and central Russia. Rain falling very generally later over our Islands, and either rain or snow over the northern half of the Continent.

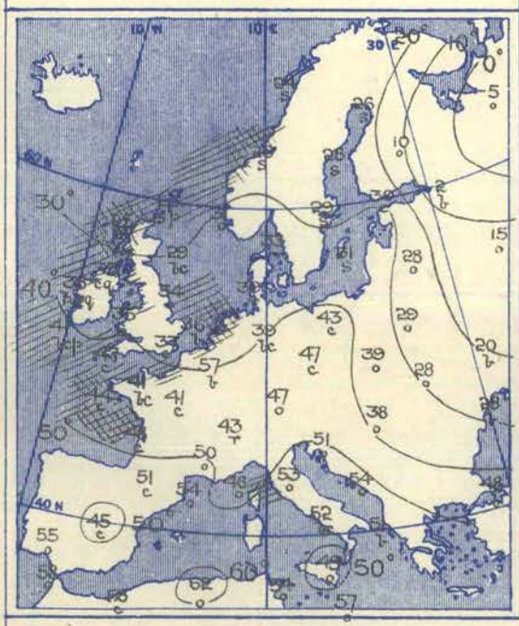
TEMPERATURE risen over the United Kingdom and its immediate neighbourhood, fallen generally elsewhere. Morning readings above 50° at most stations in the south of our area, and as high as 60° at Malta. Below 32° over the central and northern countries, and below zero in the north of Sweden. Maxima during day above 50° at most places in these Islands, and above 60° in the Mediterranean region and at Madrid and in the south-west of France. Highest values, 72° at Clermont and Oran.

WIND in morning Southerly or South-Westerly over the greater part of this country, but drawing into South-East in Scotland and into North at Blacksod Point; moderate in places, but blowing with considerable force as a whole. A Southerly to Westerly gale prevailing along the west coast of Norway. Light airs, mainly anticyclonic, reported from the central and southern parts of our area. A complete cyclonic circulation of strong winds or gales prevailing over our Islands and their vicinity by evening.

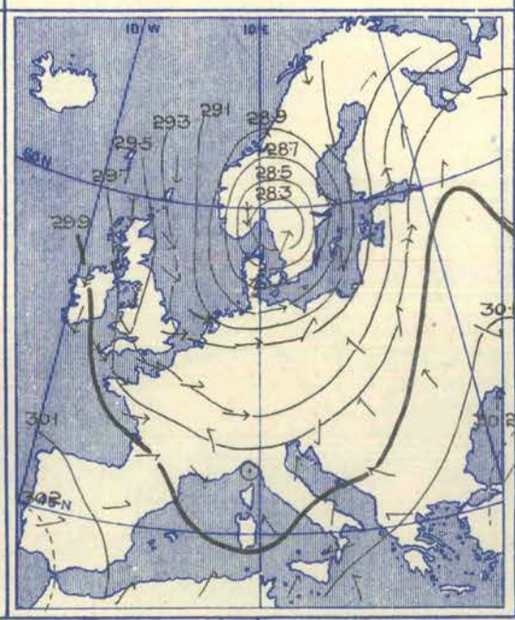
BAROMETER at 8 a.m. highest, 30·1 ins. and upwards in the central portion of an anticyclone over Hungary. Lowest, 29·0 ins. and less, in a depression over the north-west of Ireland Latter system moving eastwards across England during day and increasing much in depth. Lowest barometer reading at 6 p.m. below 28·7 ins. Gradients growing very steep over this country and north-western Europe generally, and increasing quickly over the central countries.

Monday, 12th March, 1906.

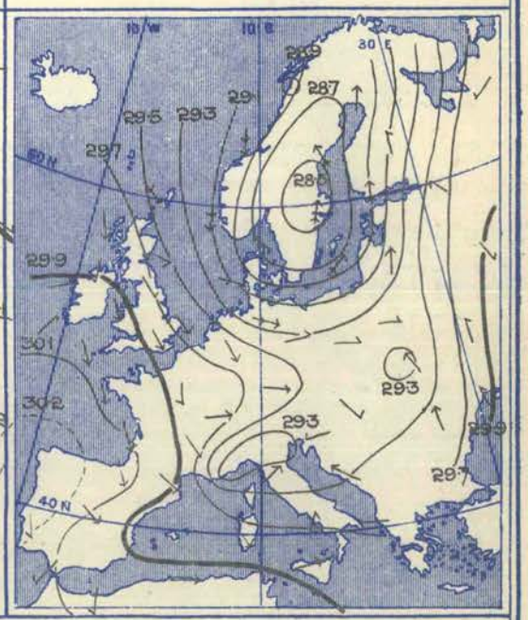
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. cloudy or overcast in almost all parts of our area; squalls of sleet or snow very prevalent over our Islands and the countries lying to the eastward of the North Sea. Rain falling at Bilbao and Belfort and snow in Sweden and the north of Norway. Showers of sleet and snow experienced very generally during day over all the north-western and northern countries, and heavy rain in some Italian localities. A thunderstorm occurring at Holyhead.

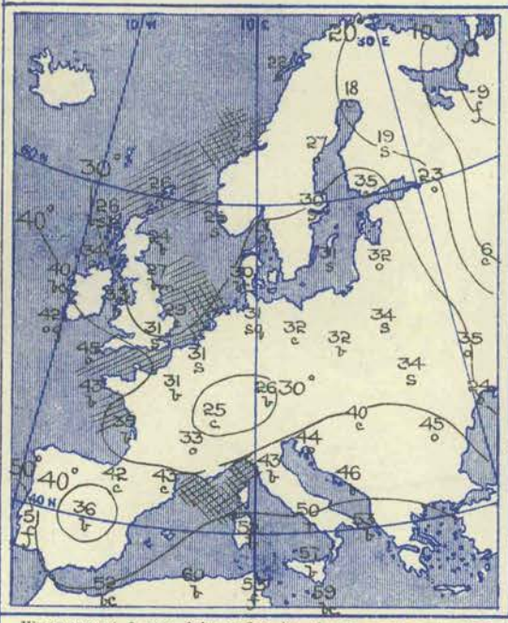
TEMPERATURE fallen over our Islands and Norway, risen over our area generally. Morning readings ranging from 62° at Algiers and 61° at Barcelona to less than 30° in Scotland, and to less than 20° in the north-east of the Continent. Lowest values, 2° at St. Petersburg and −5° at Archangel. Thermometer remaining below 32° all day at many Scotch stations and below 40° over Great Britain generally. Maxima 72° at Palermo, 70° in Algeria, and above 60° in many other southern regions.

WIND in morning showing a vast cyclonic circulation around the Skager Rack; strong winds or gales prevailing over the whole of the north-western half of our area. Light and rather variable winds reported from the south and south-east of Europe. Gales continuing with little abatement during day, and extending further eastwards. Gales or very strong winds from the Westward or South-Westward also springing up over the western half of the Mediterranean and Italy.

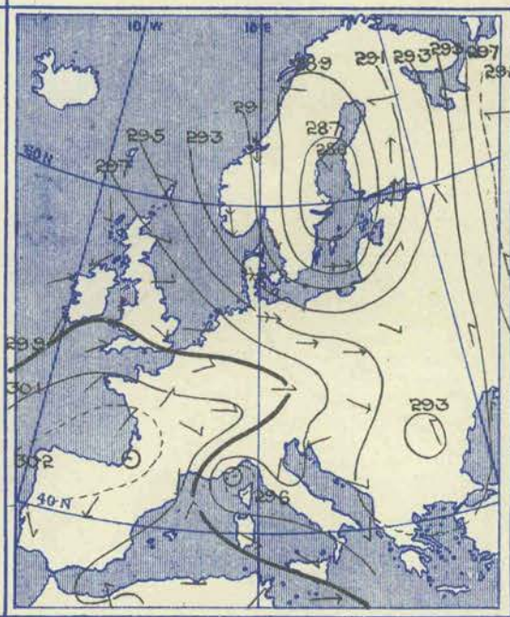
BAROMETER in morning ranging from about 30·2 ins. both in the south-west and south-east of our area to about 28·3 ins. in a very important cyclonic system having its centre over the Skager Rack. Gradients unusually steep over all the northern countries. Depression travelling north-eastwards later and decreasing somewhat in depth. Barometer rising very briskly over Great Britain and the west of France, but a sudden and rapid fall over the north of Italy resulting in the formation of a separate and deep depression and very steep gradients for North-Westerly winds over the south-east of France.

Tuesday, 13th March, 1906.

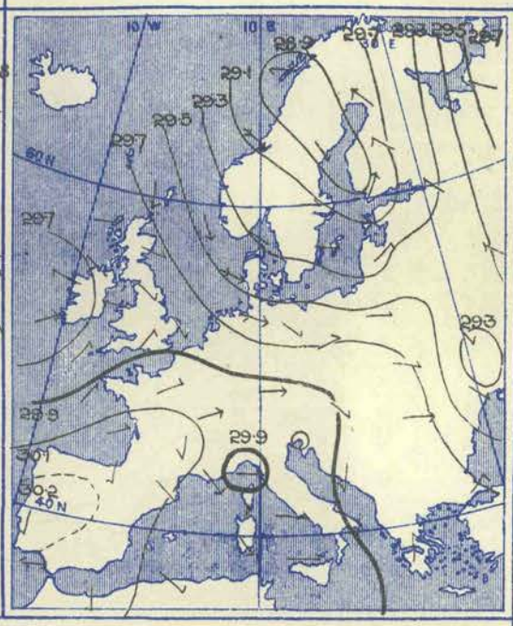
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fair or fine in Algeria, most parts of Italy, and in several French and English districts; cloudy or overcast over our area generally, with snow in the Hebrides and Shetlands, and rain or snow over the south of England, the Low Countries, North Germany, Denmark, Poland, and in various parts of Scandinavia and Finland. Precipitation rather general later except over Italy, the south of France, and Algeria. Largest amounts, 0·5 in. at Portland Bill, about the same in Brittany and Normandy, and 0·8 in. at Nicolaïeff.

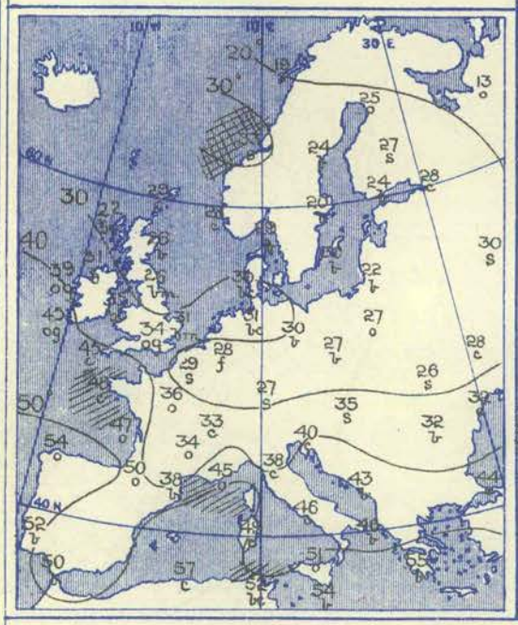
TEMPERATURE fallen except in the west and south of Ireland and in the neighbourhood of the Gulf of Finland. Readings at 8 a.m. 60° at Algiers, 59° at Malta, and 57° at Palermo; below 40° over Europe as a whole, and below the freezing point in most parts of Great Britain and in the central and northern countries. Lowest reading in this country, 23° at Nairn, and the lowest on the Continent −9° at Archangel. Rising later to nearly 70° at Athens and in Algeria and to above 60° in the south generally. Thermometer not reaching 32° at some Scottish stations.

WIND in morning showing two important cyclonic circulations—one over Scandinavia and its vicinity, and the other around the Gulf of Genoa. Gales from between North and West prevailing on the west coast of Norway, over Denmark, North Germany, and in the Isle of Gothland. A moderate or fresh gale from North-West also blowing at Cape Sicié and Sanguinaires. Wind subsiding in the latter regions later, but gales continuing in the north of Europe. A fresh cyclonic movement setting in by evening over Ireland.

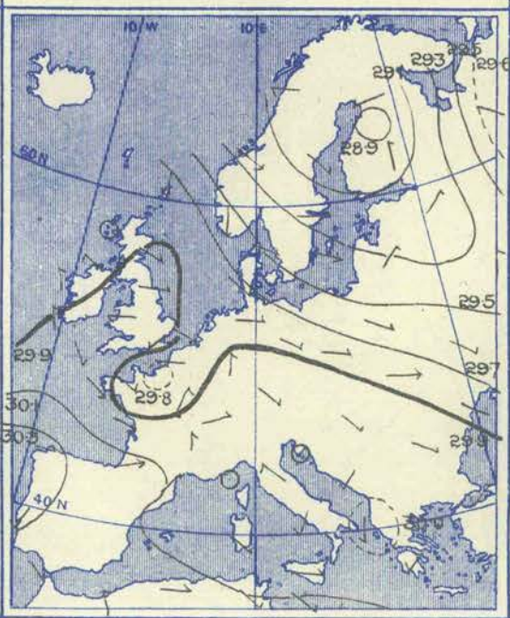
BAROMETER in morning ranging from above 30·2 ins. in an anticyclone having its centre near Biarritz to 29·6 ins. and less in a small depression with steep Northerly gradients over the Gulf of Genoa, to below 29·3 ins. in another system over Transylvania, and to below 28·6 ins. in the centre of a large disturbance over the Gulf of Bothnia. Transylvanian depression travelling to the south-east of Russia during day, but the other two systems remaining almost stationary and decreasing considerably in depth. A new depression of little intensity appearing over the west of Ireland.

Wednesday, 14th March, 1906.

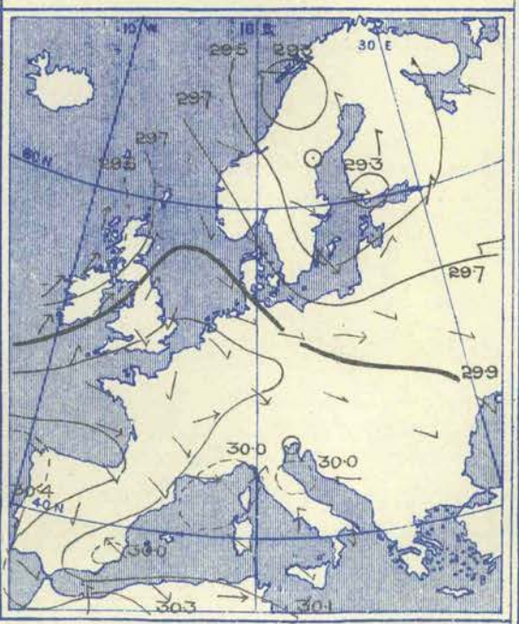
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine and bright at many stations in this country, Sweden, and in the far south of our area; cloudy or overcast as a whole, with snow in Belgium, the north-east of France, and at Dungeness and Limoges, as well as at Moscow and in the north of Scandinavia and in various parts of Hungary. Rain falling later throughout the United Kingdom and in most parts of north-western Europe, and also at Athens and Aumale.

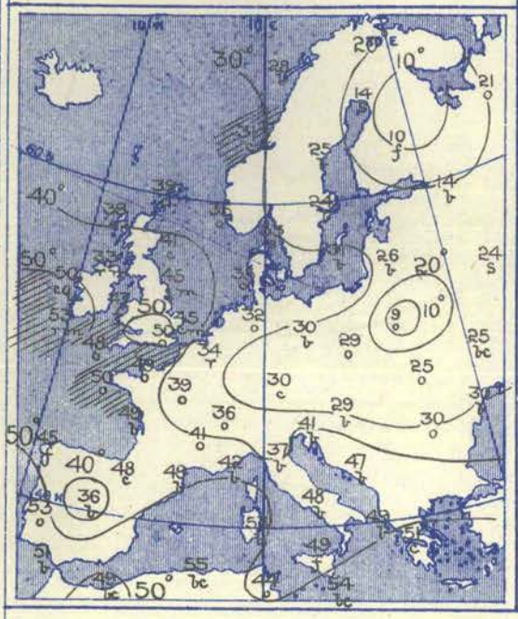
TEMPERATURE in morning as low as 22° at Stornoway and below 32° at most stations in Great Britain. Below 32° in almost all the central, eastern, and northern regions of Europe, and as low as 13° at Archangel. Above 50° at a few places in the extreme south, and 57° at Algiers. Maxima during day only about 32° at some Scotch stations, but thermometer rising decidedly during night in all British districts. Maxima only about 35° in Germany and Austria, and 32° at Lemberg. Increasing to above 55° in the Mediterranean region and to above 60° in places.

WIND in morning showing two principal cyclonic circulations, one over the north of the Continent, and the other over the north of France and the south of England. A North-Westerly gale reported at Christiansund and a strong breeze at some other northern stations, but little force as a whole. A fresh or strong Southerly to South-Westerly current setting in over our west and north-west coasts by evening, a North-Westerly gale springing up at Wisby, and some increase in force taking place in the south east of Spain.

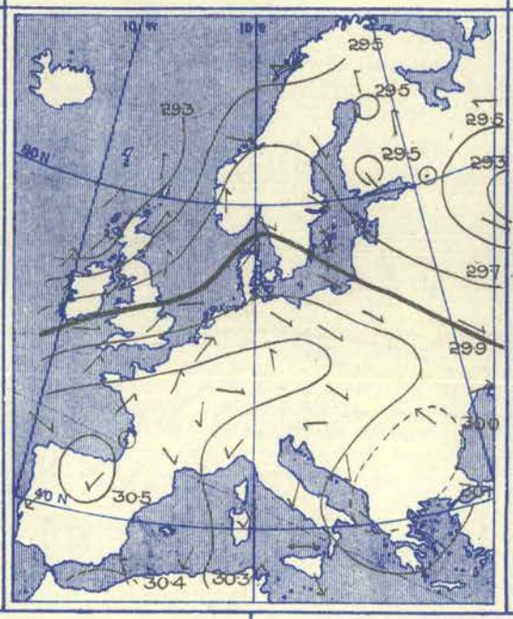
BAROMETER in morning ranging from 30·3 ins. in Portugal to 29·3 ins. in a depression centred near le Havre, and to below 29·0 ins. in another system over the north-west of Finland. Other low pressure systems shown over the south of Europe. A large disturbance advancing towards our north-west coasts by evening, and gradients becoming rather steep over all our western and northern districts. Channel depression entirely dispersing and those in the north and south of the Continent becoming less deep.

Thursday, 15th March, 1906.

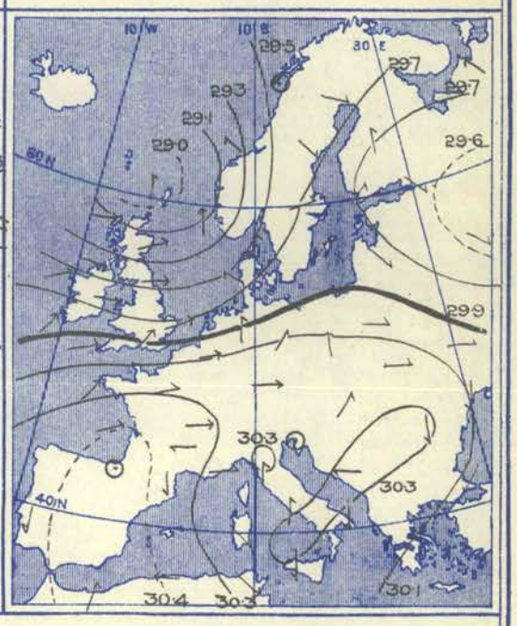
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine and bright in nearly all parts of southern Europe and also in various parts of Sweden and the central regions. Overcast or very cloudy elsewhere, with rain in Ireland, rain or snow over the Low Countries, and snow at Moscow and Haparanda. Rain or snow experienced later over all the north-western countries and also at several stations in central Europe.

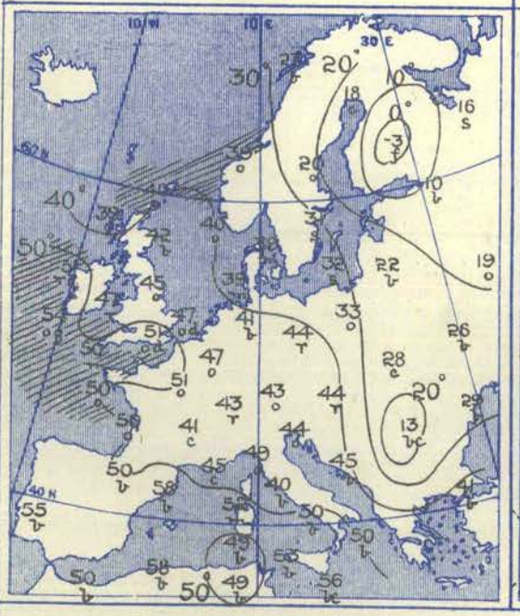
TEMPERATURE risen very quickly over the United Kingdom, between 10° and 17° at most stations, and 21° at Leith. Fallen in Finland and central Europe. Readings in morning 50° or a little higher in many parts of England and Ireland and in various southern localities, and as high as 58° at Palma. Lowest values, 9° at Warsaw and 7° at Ulealborg. Maxima during day above 53° in almost all parts of our Islands and as high as 55° in places. Thermometer rising to 70° at Lisbon and to above 60° in the south of our area generally. Maxima below 40° in various parts of central Europe.

WIND at 8 a.m. fresh to very strong from the South-Westward over these Islands and the nearer parts of the Continent, irregularly cyclonic and light in force over the Mediterranean region, and North-Westerly, strong to a gale, over the upper portion of the Baltic. Increasing to a strong Southerly gale by evening on the south-west coast of Norway and to a very strong breeze from the South-Westward over our own southern coasts.

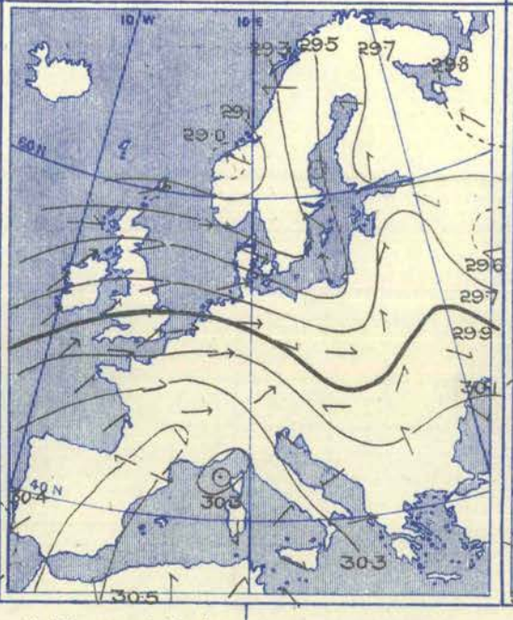
BAROMETER at 8 a.m. above 30·5 ins. in an anticyclone having its centre over Spain and above 30·3 ins. in an elongated area extending thence to the centre of Europe. Below 29·3 ins. in a large low pressure system off our north-west coasts and relatively low in other disturbances in the south and north-east of our area. No change of importance taking place later in the general distribution of pressure.

Friday, 16th March, 1906.

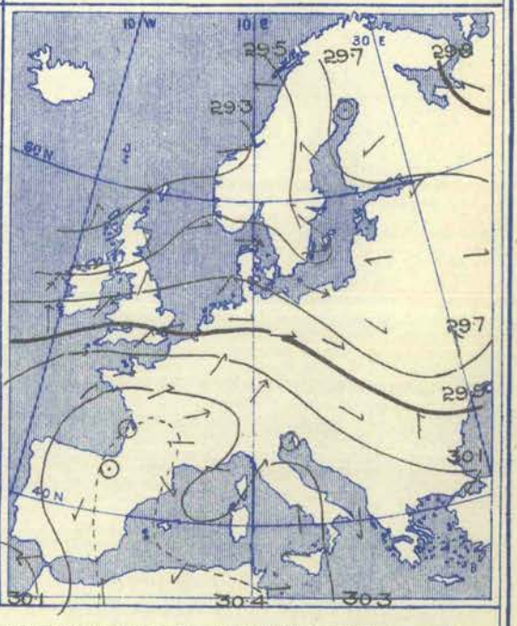
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fair or very fine over almost the whole of the south of Europe and Algeria, as well as at some Scotch stations. Dull in most other regions, with rain in various parts of Austria and Germany, at Le Mans, and in some English and Irish localities, and snow at Archangel and in Poland and the south of Sweden. Fog prevailing over the eastern half of the English Channel. Further falls of rain during day in the central and northern countries; very large quantities in the north-west and west of Scotland.

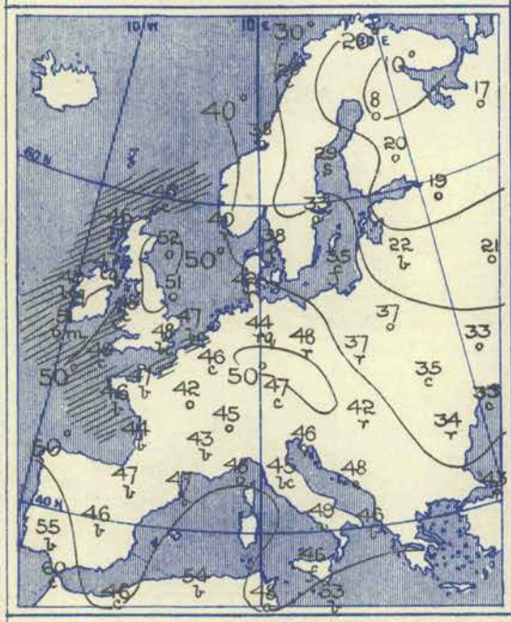
TEMPERATURE risen very quickly over the central countries, as much as 25° at Frankfurt. Readings in morning ranging from 59° at Oporto and 58° at Algiers and Barcelona to about 50° in the south of our Islands and over the greater part of France, to below the freezing point over the east and north-east of Europe, and to below zero at Kuopio. Highest maximum recorded during day in our Islands, 57° at Lowestoft and Skegness, and the highest in France, 74° at Perpignan. Thermometer rising above 60° in most parts of Italy and in Algeria. Frost continuing in the far north and east.

WIND in morning moderate to fresh or strong from between South-West and West over the United Kingdom and the nearer countries of the Continent, drawing into the Southward over the Baltic and Sweden, and into East in the north of Scandinavia. A slight cyclonic circulation shown over the western portion of the Mediterranean. Wind increasing to a very strong gale in the north-west of Ireland by evening; little change elsewhere, as a whole, but a slight Easterly gale setting in at San Fernando.

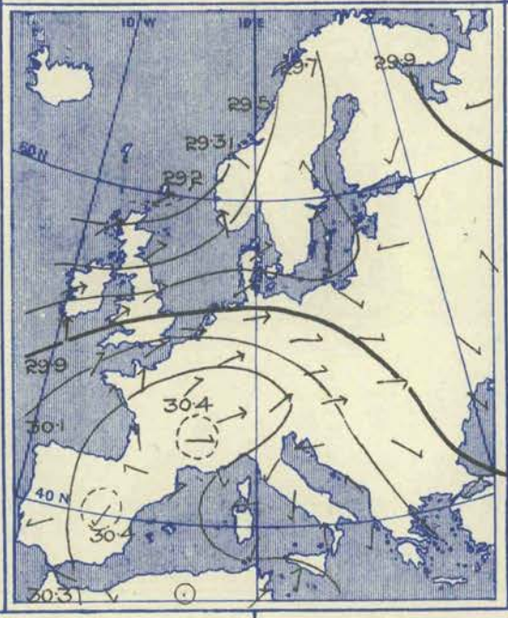
BAROMETER at 8 a.m. highest, 30·5 ins. and upwards, over the north-west of Algeria and in the central departments of France. Lowest, 29·0 ins. and less, in a depression having its centre near Christiansund. Relatively low in other systems over Russia and the Gulf of Genoa. Not much modification taking place later in the general situation, but some secondary disturbances causing a considerable steepening of the baric gradient on our own north-west coasts, and barometer falling in the Spanish Peninsula.

Saturday, 17th March, 1906.

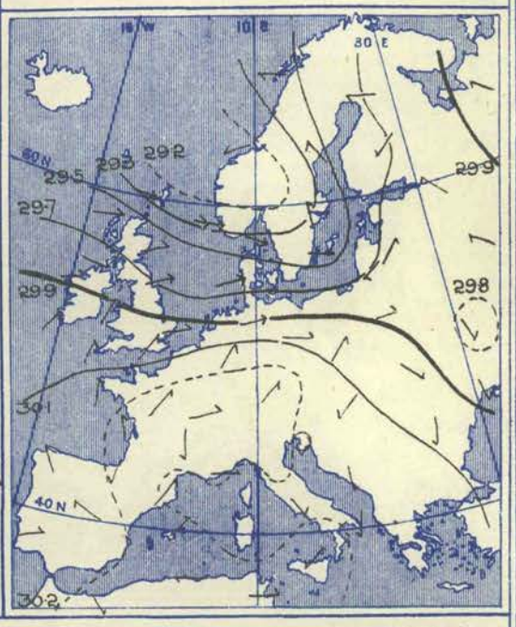
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine and bright over the southern parts of our area and in most English localities. Cloudy or dull elsewhere, with rain in the Hebrides, Denmark, the central regions of Europe, and at Skudesnaes, and snow at Hernösand and Helsingfors. Fog prevailing in the south of Sweden and also at Lorient. Very bright during day in nearly all parts of Great Britain, but dull in Ireland, and rain falling during night in many parts of the Kingdom. Falls of rain or snow experienced in Scandinavia and Germany, but weather very fine over Europe as a whole.

TEMPERATURE risen in the north of our Islands and central Europe, fallen in most other localities. Readings in morning, 60° at San Fernando, 59° at Oporto, 54° at Algiers, and about 50° at several of our own stations and at a few in central Europe. Below 20° over the north-east of our area, and as low as 8° at Uleaborg. Maxima during day, 64° or 65° at some English stations and in Italy, and above 70° in the Spanish Peninsula and in some parts of the south and south-west of France. Highest readings, 79° at Biarritz, 81° at Perpignan, and 84° at Bilbao.

WIND in morning moderate to very strong from the South-Westward over the United Kingdom and its neighbourhood, and light from between South and East over the greater portion of Scandinavia. A slight cyclonic circulation prevailing over the southern regions of Russia, and light anticyclonic airs over the major part of France and Spain. A slight gale from East blowing at San Fernando. Moderating in force over our Islands later, but increasing to a gale from the Westward in Denmark and the south of Norway.

BAROMETER at 8 a.m. ranging from above 30·3 ins. in an irregularly shaped area embracing the north-west of Africa and most of the Peninsula and France to less than 29·6 ins. in a depression centred over Little Russia, and less than 29·2 ins. in a larger system off the north and north-west of Scotland. Gradients slight except over our Islands and the North Sea. Northern depression travelling away to the south of Scandinavia by evening and barometer rising briskly in Scotland and the north of Ireland. Pressure decreasing over France and the Bay of Biscay.

IV.—BRIGHT SUNSHINE Values for the Week, in addition to those on page 62.

	STATIONS.	No. of Hours recorded.	Difference from the Mean for the Week.	Percentage of Possible Duration	Difference from the Mean for the Week.
1.	Crathes	33·0	—	41	—
	Balruddery	32·4	—	40	—
2.	Saltburn-by-the-Sea	33·3	—	41	—
3.	Cromer	30·0	—	37	—
	Dunmow	28·9	—	36	—
	London, Bunhill Row	19·6	+ 4·6	24	+ 6
4.	Sheffield	26·3	—	33	—
5.	Margate	23·1	- 3·9	29	- 5
	Ramsgate	23·6	—	29	—
	Eastbourne	21·3	- 8·5	26	- 11
	Brighton	21·0	- 8·2	26	- 10
	Worthing	22·0	—	27	—
	Bognor	23·7	—	29	—
	Ventnor Hospital	23·6	- 8·0	29	- 10
7.	Southport	28·5	—	35	—
	Rhyl				
	Aberdovey	20·0	—	25	—
	Aberystwyth	17·3	—	21	—
8.	Tenby	25·1	- 5·3	31	- 7
	Torquay	26·3	- 4·6	33	- 6
	Newquay	24·1	- 5·4	30	- 7

V.—OBSERVATIONS IN THE UPPER AIR.—Temperature, Humidity and Wind Velocity.

Date of Observation.	Station and its Height above M.S.L.		Heights in feet above Mean Sea Level. Ground Level.	1,660.	3,320.	5,000.	6,660.	8,320.	10,000.	Remarks.
1906. March 16th, 11.30 a.m.— 12.20 p.m.	Oxshott, 200 ft.	Temperature F.	55°	48°						One small kite. Wire 3,360 ft. Max. height 2,500 ft. Lowest temp. 45°. Wind 45 m. per hour. Cloud level 1,700 ft.
		Humidity	90	100						
		Wind Velocity, m. per hr.	SW, 18	WSW, 40						
March 17th, 9.40 a.m.— 10.30 a.m.	Oxshott, 200 ft.	Temperature F.	57°	50°	[53°]					One small kite. Wire 4,000 ft. Max. height 2,900 ft. Inversion of temperature at 2,300 ft. Clear sky.
		Humidity	60	60	[80]					
		Wind Velocity, m. per hr.	SW, 14	WSW 30	[W by S, 45]					
March 17th 2.40 p.m.— 3.10 p.m.	Ditcham Park, Petersfield, 400 ft.	Temperature F.	53°	49°	49°					One small kite. Wire 3,820 ft. Inversion at 1,400 ft. 48° to 51°. One hour later at 1,000 ft. 47° to 51°. Cloudless sky.
		Humidity	70	70	40					
		Wind Velocity, m. per hr.	SW, —	—	W½S, —					
		Temperature F.								
		Humidity								
		Wind velocity, m. per hr.								
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								

63, Victoria Street, London, S.W.
March 21st, 1906.

W. N. SHAW,
Director.

ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE,

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TWENTY-NINTH YEAR. Vol. XXIII. (New Series.) } No. 12. TWELFTH WEEK, ENDING SATURDAY, MARCH 24TH, 1906. [Price 6d. Annual Subscription post paid £1 10s. 0d.

I.—GENERAL REMARKS.

Weather.—During this week cold, changeable weather prevailed in all parts of the Kingdom. Showers—mostly of hail, sleet, or snow—were very general over the south-eastern, eastern, and northern districts, and occasionally extended to the west and south-west also. Thunder was heard at Tunbridge Wells on the afternoon of the 19th.

Temperature was below the average in all districts; in Scotland the deficit was slight, and in Ireland it did not exceed 2°, but in most parts of England it was much more pronounced. In England E. and S.W. the mean value was more than 4°, and in England S. nearly 5° below the normal. The highest of the maxima occurred either at the beginning or about the middle of the week, and ranged from 55° in Scotland W. and Ireland S. to only 49° in England S. On several days the thermometer in the eastern and south-eastern counties barely rose to 40°. The lowest of the minima, registered, as a rule, towards the end of the period, were 22° in the Midland Counties and England S.W. and 23° in England S.; elsewhere they ranged from 24° in England E. to 31° in Ireland S. and to 34° in the Channel Islands.

Rainfall exceeded the average in England E. and N.E. and also in the Channel Islands and was just equal to it in England S. In all other parts of the Kingdom there was a deficit—slight in Scotland E. but large generally.

Bright Sunshine exceeded the normal amount in all the western districts, as well as in England N.E., and was just equal to it in the Midland Counties. Elsewhere there was a deficiency. The percentage of the possible duration ranged from 50 in Scotland W., 48 in England S.W. and 46 in England N.W. to 29 in England S. and E., and to 25 in Scotland N.

Barometer and Wind.—Soon after the beginning of the week the arrival of a large anticyclone off our west coasts caused the type of pressure distribution to become Northerly, and winds from that direction consequently blew over the Kingdom generally. They had little strength as a whole, but blew freshly or strongly in places. During the latter half of the week the high pressure area extended towards Norway and the distribution was more favourable for North-Easterly winds, which at times blew rather strongly in exposed localities, and very strongly on Friday and Saturday on the north-western coasts. No depressions of importance arrived very close to the United Kingdom, the sleet or snow showers being due to slight irregularities in pressure which formed on the borders of large Continental disturbances.

SUMMARY OF TEMPERATURE, RAINFALL, AND DURATION OF BRIGHT SUNSHINE IN THE UNITED KINGDOM, FOR AGRICULTURAL AND SANITARY PURPOSES.

THE WEEK (12th)—March 18th to March 24th, 1906.

DISTRICTS. (See p. 68.)	Temperature. Highest.	Lowest.	Means of Daily Max.	Daily Min.	Daily Mean.	Difference from Av. (35 Yrs.)	Accumulated Number of Day-Degrees. Above 42°	Difference from Av. (25 Yrs.)	Below 42°	Difference from Av. (25 Yrs.)	Rainfall. Number of Rain-Days.	Diff. from Av. (35 Yrs.)	Total Fall.	Difference from Average (35 Yrs.)	Sunshine. Hours recorded.	Diff. from Av. (25 Yrs.)	Percentage of Possible Duration.	Diff. from Av. (25 Yrs.)
	°	°	°	°	°	°	Day-deg.	Day-deg.	Day-deg	Day-deg.			Inches.	Inches.			%	%
0. SCOTLAND, NORTH ..	54	29	45·1	34·2	39·5	- 0·3	9	- 3	28	- 2	5	0	0·32	-0·62	21	- 2	25	- 3
Eastern 1. SCOTLAND, EAST ..	53	27	45·2	34·0	39·5	- 0·6	9	- 8	30	- 1	6	+ 2	0·47	-0·04	26	- 1	31	- 1
Eastern 2. ENGLAND, N.E. ..	51	27	44·7	34·5	39·4	- 2·0	8	-11	27	+ 1	6	+ 3	0·57	+0·19	35	+ 7	41	+ 9
Eastern 3. ENGLAND, EAST ..	53	24	43·1	33·5	38·2	- 4·2	3	-22	30	+ 3	6	+ 3	0·47	+0·12	24	- 2	29	- 2
Eastern 4. MIDLAND COUNTIES	52	22	44·4	33·4	38·7	- 3·4	7	-19	30	+ 3	4	+ 1	0·19	-0·21	28	0	33	0
Eastern 5. ENGLAND, SOUTH ..	49	23	43·1	33·4	38·2	- 4·9	3	-23	31	+ 10	6	+ 3	0·42	0·00	24	- 5	29	- 6
Western 6. SCOTLAND, WEST ..	55	25	47·8	35·6	41·5	- 0·2	16	- 2	25	+ 1	2	- 2	0·20	-0·62	42	+16	50	+19
Western 7. ENGLAND, N.W. ..	54	26	45·1	34·4	39·6	- 2·5	9	- 9	28	+ 7	2	- 2	0·12	-0·40	39	+16	46	+18
Western 8. ENGLAND, S.W. ..	52	22	44·4	34·1	39·1	- 4·1	7	-18	28	+ 11	2	- 1	0·07	-0·53	41	+12	48	+14
Western 9. IRELAND, NORTH ..	53	30	46·2	36·9	41·4	- 1·1	12	-10	20	+ 1	4	0	0·18	-0·42	26	+ 1	31	+ 1
Western 10. IRELAND, SOUTH ..	55	31	48·3	36·6	42·3	- 2·0	25	- 3	15	- 1	2	- 2	0·07	-0·59	35	+ 3	41	+ 3
11. CHANNEL ISLANDS..	52	34	45·3	38·6	41·9	- 4·1	9	-23	14	+ 8	6	+ 2	0·55	+0·04	28	- 6	33	- 7

THE SEASON (**Spring**).—Aggregates, &c., for the Period of 3 Weeks, March 4th to March 24th, 1906.

0. SCOTLAND NORTH ..	55	8	*	*	*	*	17	-14	115	+ 20	17	+ 3	4·17	+1·23	55	- 8	23	- 3
Eastern 1. SCOTLAND, EAST ..	56	11	*	*	*	*	26	-18	104	+ 2	16	+ 5	2·11	+0·55	81	+ 8	33	+ 3
Eastern 2. ENGLAND, N.E. ..	63	18	*	*	*	*	61	+10	72	- 11	13	+ 3	1·09	-0·07	103	+23	42	+ 9
Eastern 3. ENGLAND, EAST ..	67	24	*	*	*	*	75	+ 9	59	- 29	14	+ 4	1·10	+0·05	91	+16	37	+ 6
Eastern 4. MIDLAND COUNTIES	66	18	*	*	*	*	80	+11	62	- 27	13	+ 3	1·15	-0·08	89	+12	36	+ 5
Eastern 5. ENGLAND, SOUTH ..	66	23	*	*	*	*	63	- 6	52	- 16	15	+ 5	1·32	+0·03	83	+ 2	34	+ 1
Western 6. SCOTLAND, WEST ..	55	18	*	*	*	*	39	- 8	64	- 11	12	0	3·16	+0·57	79	+ 8	33	+ 3
Western 7. ENGLAND, N.W. ..	62	16	*	*	*	*	48	-12	60	- 8	13	+ 2	2·60	+0·99	84	+22	35	+ 9
Western 8. ENGLAND, S.W. ..	66	22	*	*	*	*	68	- 1	47	- 9	13	+ 2	2·24	+0·38	90	+12	37	+ 5
Western 9. IRELAND, NORTH ..	56	20	*	*	*	*	51	- 9	53	- 11	16	+ 3	2·52	+0·70	54	-15	22	- 6
Western 10. IRELAND, SOUTH ..	60	30	*	*	*	*	94	+16	21	- 29	14	+ 3	2·05	-0·03	70	-12	29	- 5
11. CHANNEL ISLANDS..	60	33	*	*	*	*	86	- 2	14	- 7	14	+ 2	1·35	-0·26	92	- 4	37	- 2

THE YEAR.—Aggregates, &c., for the period of 12 Weeks, December 31st, 1905, to March 24th, 1906.

0. SCOTLAND, NORTH ..	55	8	*	*	*	*	35	-62	456	+ 39	69	+13	17·25	+4·62	158	+ 2	21	0
Eastern 1. SCOTLAND, EAST ..	56	11	*	*	*	*	63	-62	434	- 33	52	+ 7	7·10	+0·42	244	+43	32	+ 6
Eastern 2. ENGLAND, N.E. ..	63	18	*	*	*	*	117	-18	333	- 57	50	+ 8	5·17	+0·39	258	+41	33	+ 5
Eastern 3. ENGLAND, EAST ..	67	23	*	*	*	*	153	- 8	308	-121	55	+12	6·70	+2·16	248	+41	31	+ 5
Eastern 4. MIDLAND COUNTIES	66	18	*	*	*	*	159	-18	338	- 96	53	+11	7·06	+1·54	230	+39	29	+ 5
Eastern 5. ENGLAND, SOUTH ..	66	20	*	*	*	*	196	+ 7	253	- 77	60	+17	8·78	+2·84	259	+40	32	+ 5
Western 6. SCOTLAND, WEST ..	55	14	*	*	*	*	101	-40	298	- 33	57	+ 5	14·05†	+2·37	222	+46	28	+ 6
Western 7. ENGLAND, N.W. ..	62	16	*	*	*	*	125	-37	267	- 55	56	+10	11·16	+4·07	215	+41	27	+ 5
Western 8. ENGLAND, S.W. ..	66	20	*	*	*	*	220	- 4	227	- 25	60	+14	13·82	+4·91	250	+40	31	+ 5
Western 9. IRELAND, NORTH ..	56	20	*	*	*	*	149	-38	259	- 29	71	+15	11·19	+3·01	202	+15	26	+ 2
Western 10. IRELAND, SOUTH ..	60	24	*	*	*	*	282	+15	183	- 35	66	+15	10·82	+0·73	221	- 5	27	- 1
11. CHANNEL ISLANDS..	60	27	*	*	*	*	326	+11	57	- 46	68	+17	9·98	+2·03	276	+15	33	+ 2

† This value has been altered owing to the receipt of further information.

Bright Sunshine.—For certain of the Districts the values of Bright Sunshine in this Table are based on the records from a part only of the Stations included in the Tables under II. and IV. For certain of the Stations Mean Values are not available, and for the Districts containing these Stations the "Difference from Average" is based on the records from a smaller number of Stations than those supplying the values for "Hours Recorded."

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II.—DATA from which the SUMMARY on page 67 has been calculated.

March 18-24, 1906.

Districts.	Names of Stations.	Temperature. In Degrees Fahrenheit.								Rainfall.			Bright Sunshine.			
		Highest observed.	Lowest observed.	Averages for the Week. Of Highest each day.	Of Lowest each day.	For whole of each day.	Difference of Daily Average from Mean for the Week.	Accumulated Heat for the Week (in Day-degrees). Above 42°	Below 42°	Number of Rain-Days.	Rainfall in the Week.	Difference from the Mean for the Week.	Number of Hours recorded.	Difference from the Mean for the Week.	Percentage of possible duration.	Difference from the Mean for the Week.
		°	°	°	°	°	°	Day-deg	Day-deg		Inches.	Inches.	Hrs.	Hrs.	%	%
0. SCOTLAND, N.	†Sumburgh Head (Deerness)	46	30	42·7	34·4	38·4	− 0·4	2	26	6	0·33	− 0·32	23·7	− 1·8	28	− 2·1
	Wick	49	32	45·3	33·9	39·4	− 1·5	9	29	6	0·46	0·00	*	*	*	*
	†Lairg (Strathpeffer) Ⓢ	54	29	48·0	32·3	39·9	+ 1·3	17	36	6	0·38	− 0·31	24·3	+ 1·9	29	+ 2
	Stornoway	50	33	45·9	35·0	40·3	+ 0·1	11	26	2	0·03	− 0·33	20·3	− 5·2	24	− 6
	Glencarron	48	31	43·0	34·1	38·4	− 0·4	3	27	6	0·71	− 0·99	*	*	*	*
	Fort Augustus Ⓢ	51	32	45·2	35·1	40·0	− 0·2	9	25	4	0·27	− 0·50	15·8	− 3·2	19	− 4
	Fort William Ⓢ	53	32	45·4	34·8	39·9	− 1·3	10	26	2	0·04	− 1·40	*	*	*	*
1. SCOTLAND, E.	Nairn	50	31	46·0	33·7	39·7	− 0·7	11	31	7	0·35	− 0·05	*	*	*	*
	Aberdeen	49	33	45·1	35·9	40·4	− 0·2	9	23	7	0·62	+ 0·10	27·5	− 0·7	32	− 1
	Balmoral Ⓢ	45	28	40·4	31·6	35·9	− 0·9	0	43	7	0·75	+ 0·17	*	*	*	*
	Clathick Ⓢ	53	27	49·1	32·8	40·7	0·0	20	35	3	0·12	− 0·52	*	*	*	*
	†Leith (Edinburgh) Ⓢ	53	35	46·6	37·0	41·7	− 0·3	13	20	3	0·18	− 0·17	17·6	− 4·5	21	− 5
	Marchmont Ⓢ	49	32	44·0	32·9	38·3	− 1·5	6	32	6	0·77	+ 0·21	28·2	+ 2·6	33	+ 3
2. ENGLAND, N.E. — Northern part.	†Alnwick Castle (Cockle Park)	50	34	44·7	34·9	39·7	− 0·3	8	26	7	0·62	+ 0·09	28·6	—	34	—
	†Shields (Newcastle)	49	32	44·3	35·0	39·5	− 1·7	6	25	6	0·42	+ 0·04	22·0	+ 0·8	26	+ 1
	Durham	50	31	44·1	33·2	38·5	− 2·2	6	31	5	0·74	+ 0·32	31·4	+ 5·0	37	+ 6
	Scarborough Ⓜ	51	34	45·1	35·8	40·3	− 1·4	9	23	5	0·59	+ 0·19	39·4	—	46	—
	York	51	27	45·2	32·6	38·7	− 3·1	9	34	5	0·61	+ 0·25	33·9	+ 9·7	40	+ 11
2. ENGLAND, N.E. — Southern part.	†Spurn Head (Skegness)	49	34	43·7	37·0	40·3	− 1·1	5	18	5	0·60	+ 0·30	41·7	—	49	—
	Lincoln	? 51	29	? 45·9	34·0	39·8	− 2·6	11	30	6	0·58	+ 0·26	*	*	*	*
	†Fulbeck (Rauceby)	50	28	44·2	33·3	38·6	− 3·4	6	31	6	0·43	+ 0·10	37·2	—	44	—
3. ENGLAND, E. — Northern part.	Hillington Ⓜ	53	26	44·3	31·7	37·8	− 4·3	6	36	7	0·61	+ 0·21	28·3	+ 0·8	33	+ 1
	†Yarmouth (Lowestoft)	49	34	42·1	36·6	39·3	− 1·9	0	19	6	0·47	+ 0·10	25·3	—	30	—
	Geldeston	52	30	43·4	32·2	37·6	− 4·5	4	34	7	0·86	+ 0·53	22·5	− 7·6	27	− 9
3. ENGLAND, E. — Southern part.	Cambridge	51	25	43·8	32·5	38·0	− 4·5	5	33	6	0·43	+ 0·13	29·0	− 0·2	34	0
	Felixstowe	49	27	42·7	33·1	37·8	− 4·6	2	31	7	0·54	—	27·0	—	32	—
	Clacton-on-Sea	49	30	42·6	34·0	38·2	− 4·6	2	28	7	0·39	—	25·4	—	30	—
	Rothamsted	48	24	42·6	32·3	37·3	− 4·1	2	33	6	0·40	− 0·01	28·6	+ 0·5	34	+ 1
	†Shoeburyness (Southend)	48	30	42·9	33·9	38·3	− 4·8	3	28	4	0·29	+ 0·02	15·5	—	18	—
	London, Westminster	49	30	43·6	35·3	39·3	− 4·1	4	24	6	0·28	—	15·9	− 1·4	19	− 2
4. MIDLAND COUNTIES. — Eastern part.	Harrogate	50	27	42·9	32·3	37·4	− 3·1	3	33	4	0·46	− 0·02	39·3	—	46	—
	†Bawtry (Worksop)	52	30	46·4	36·9	41·5	− 0·6	12	20	5	0·23	− 0·12	30·1	+ 5·8	35	+ 7
	Nottingham	52	27	44·7	34·4	39·4	− 2·9	8	27	4	0·37	+ 0·02	33·1	—	39	—
	†Colly Weston (Oundle)	50	27	45·6	32·7	39·0	− 3·5	10	34	6	0·42	+ 0·08	31·6	—	37	—
	Birmingham, Edgbaston	49	28	42·7	33·1	37·8	− 4·0	2	31	1	0·02	− 0·36	14·6	—	17	—
	Oxford	49	27	44·7	33·3	38·8	− 3·9	8	31	6	0·23	− 0·11	20·8	− 6·3	25	− 7
4. MIDLAND COUNTIES. — Western part.	Cheadle Ⓜ	48	28	42·8	31·4	36·9	− 4·0	2	36	3	0·07	− 0·42	*	*	*	*
	Shrewsbury	50	28	46·1	33·1	39·4	− 3·7	11	33	2	0·07	—	*	*	*	*
	Hereford Ⓜ	52	29	44·9	34·0	39·3	− 3·5	8	29	3	0·04	− 0·33	*	*	*	*
	Cirencester	48	22	43·0	32·1	37·4	− 4·2	3	34	5	0·16	− 0·29	27·3	− 0·7	32	− 1
	Bath	50	26	44·7	33·6	39·0	− 4·1	8	30	3	0·06	− 0·41	30·5	—	36	—
5. ENGLAND, S.	†London, Brixton (Kew)	49	30	43·7	34·9	39·2	− 4·4	5	25	5	0·28	− 0·07	21·0	− 4·7	25	− 6
	Wisley, Surrey	48	24	42·9	33·4	38·0	− 4·5	3	30	6	0·37	—	16·9	—	20	—
	Swarraton Ⓜ	47	23	42·4	32·0	37·1	− 4·6	1	35	6	0·33	− 0·15	*	*	*	*
	Tunbridge Wells Ⓜ	46	28	40·8	32·4	36·5	− 5·7	0	39	7	0·70	+ 0·25	20·9	− 8·2	25	− 10
	†Dungeness (Littlestone)	46	27	42·7	33·6	38·0	− 4·6	2	29	7	0·59	+ 0·28	28·8	—	34	—
	Hastings	47	29	42·1	33·6	37·7	− 5·3	0	28	7	0·58	+ 0·15	29·2	− 2·9	34	− 3
	Southampton	49	28	45·8	33·5	39·5	− 4·7	11	31	5	0·27	− 0·21	25·8	− 4·4	30	− 5
	†Portland Bill (Bournemouth)	47	29	44·6	34·1	39·2	− 5·1	7	28	3	0·22	—	25·5	—	30	—
6. SCOTLAND, W.	Laudale, Loch Sunart	53	33	47·3	34·7	40·8	− 1·3	15	28	5	0·37	− 1·04	*	*	*	*
	Glasgow	53	31	46·8	35·6	41·0	+ 0·1	13	24	1	0·17	− 0·41	39·9	+ 19·4	47	+ 23
	Dumfries Ⓢ	55	32	49·1	35·1	41·9	+ 0·3	20	28	1	0·04	− 0·66	*	*	*	*
	Cally Ⓢ	52	25	50·0	36·6	43·1	+ 1·5	30	15	3	0·33	− 0·46	*	*	*	*
	Douglas, Isle of Man	49	31	45·9	35·8	40·7	− 1·4	11	23	2	0·08	− 0·52	44·9	+ 12·9	53	+ 15
7. ENGLAND, N.W.	Aspatria	51	28	45·1	32·3	38·8	− 2·4	9	33	2	0·11	− 0·50	29·1	—	34	—
	Newton Rigg	51	30	45·5	32·3	38·7	− 1·4	10	35	5	0·21	− 0·32	29·3	+ 2·7	35	+ 3
	Stonyhurst	54	31	45·5	33·8	39·5	− 1·6	10	30	1	0·05	− 0·72	45·9	+ 19·9	54	+ 23
	Blackpool Ⓜ	50	30	45·7	34·3	39·8	− 2·1	10	28	1	0·06	− 0·43	45·4	+ 19·4	53	+ 23
	Manchester, Prestwich	53	28	45·6	32·7	39·0	− 2·6	10	34	2	0·02	− 0·56	39·5	+ 19·5	47	+ 23
	†Liverpool Obs. (Hoylake)	46	32	44·3	36·1	40·1	− 2·6	6	22	1	0·12	− 0·27	36·5	—	43	—
	Hawarden Bridge												*	*	*	*
7. NORTH WALES	Llandudno Ⓜ	49	31	45·4	36·7	40·9	− 2·8	10	20	2	0·04	− 0·41	42·2	+ 15·6	50	+ 18
	Holyhead	47	34	43·3	37·4	40·3	− 3·2	4	17	3	0·23	− 0·28	*	*	*	*
	Bettws-y-Coed	50	26	45·3	33·3	39·1	− 4·2	9	31	3	0·20	—	35·7	—	42	—
8. SOUTH WALES	Llangammarch Wells	50	22	43·8	30·6	37·0	− 4·8	5	40	2	0·05	—	32·5	—	38	—
	Pembroke	49	31	46·1	36·1	41·0	− 2·5	11	23	2	0·07	− 0·42	45·8	+ 14·5	54	+ 17
	Cardiff	52	29	45·7	32·8	39·1	− 4·8	10	34	1	0·03	− 0·60	*	*	*	*
8. ENGLAND, S.W.	Clifton	50	30	43·4	35·5	39·3	− 3·6	4	23	2	0·07	− 0·46	*	*	*	*
	†Shaftesbury (Marlborough) Ⓜ	45	27	41·1	32·2	36·5	− 4·9	0	39	3	0·09	− 0·41	17·4	− 7·6	21	− 9
	Arlington, N. Devon	47	30	43·7	34·3	38·9	− 2·7	5	27	2	0·08	− 0·74	*	*	*	*
	Cullompton Ⓜ	50	27	45·2	34·2	39·5	− 4·6	9	28	3	0·08	− 0·48	32·6	+ 4·5	38	+ 5
	Plymouth	49	30	45·7	34·3	39·8	− 4·8	10	28	1	0·01	− 0·55	47·2	+ 16·0	56	+ 19
	Falmouth	49	32	44·6	37·0	40·7	− 4·2	7	19	4	0·18	− 0·52	46·8	+ 15·9	55	+ 16
9 IRELAND, N. — Western part.	Malin Head	46	35	44·0	39·0	41·4	− 1·3	6	11	4	0·14	− 0·35	*	*	*	*
	Edenfel	53	34	47·7	35·7	41·5	+ 0·5	16	25	3	0·25	− 0·36	*	*	*	*
	Blacksod Point	48	37	46·0	39·9	42·9	− 1·2	15	6	7	0·39	− 0·44	*	*	*	*
	Markree Castle	52	33	47·4	35·8	41·4	− 1·0	15	24	4	0·16	− 0·53	25·2	0·0	30	0
9 IRELAND, N. — Eastern part.	Armagh	50	30	47·3	33·4	40·1	− 1·7	15	32	3	0·08	− 0·41	26·8	+ 1·8	32	+ 2
	Donaghadee	46	31	? 44·7	37·4	? 40·9	− 1·6	8	17	2	0·03	− 0·41	*	*	*	*
10. IRELAND, S. — Eastern part.	†Dublin, City (Phœnix Park)	51	33	47·5	37·7	42·5	− 1·7	22	12	4	0·16	− 0·26	29·0	− 0·5	34	− 1
	Kilkenny	51	33	46·6	35·9	41·1	− 2·8	18	24	1	0·02	− 0·47	*	*	*	*
	Waterford	53	31	49·3	35·7	42·3	− 1·2	29	18	2	0·04	− 0·56	*	*	*	*
10. IRELAND, S. — Western part.	Birr Castle	50	31	47·0	32·9	39·7	− 3·1	14	34	1	0·03	− 0·50	22·7	− 4·0	27	− 5
	Foynes	54	33	49·2	36·9	42·9	− 1·0	28	14	2	0·06	− 0·55	*	*	*	*
	Killarney	55	34	49·4	37·0	43·0	− 2·0	28	14	2	0·10	− 0·90	*	*	*	*
	Valencia	50	35	48·3	39·0	43·5	− 2·3	23	8	3	0·12	− 0·81	42·0	+ 12·1	49	+ 14
	†Roches Point (Ballinacurra)	51	34	48·9	37·9	43·2	− 1·8	26	11	2	0·03	− 0·66	44·2	—	52	—
11. ENGLISH CHANNEL	Scilly, St. Mary's	52	36	47·4	39·7	43·4	− 3·0	19	6	5	0·24	− 0·26	44·7	+ 11·5	53	+ 14
	†Jersey, St. Aubins (St. Heliers)	51	34	44·9	37·9	41·3	− 4·5	8	16	7	0·90	+ 0·40	21·2	− 14·0	25	− 17
	Guernsey	50	35	43·7	38·3	40·9	− 4·7	5	13	5	0·51	− 0·03	19·4	− 15·6	23	− 18

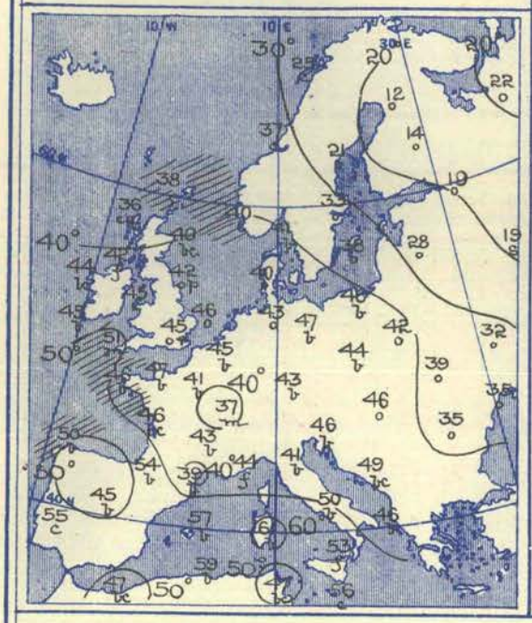
Information for Stations marked Ⓜ is supplied by the Royal Meteorological Society, and that for Stations marked Ⓢ is supplied by the Scottish Meteorological Society.

* An Asterisk is inserted in all places for which the information is not usually given.

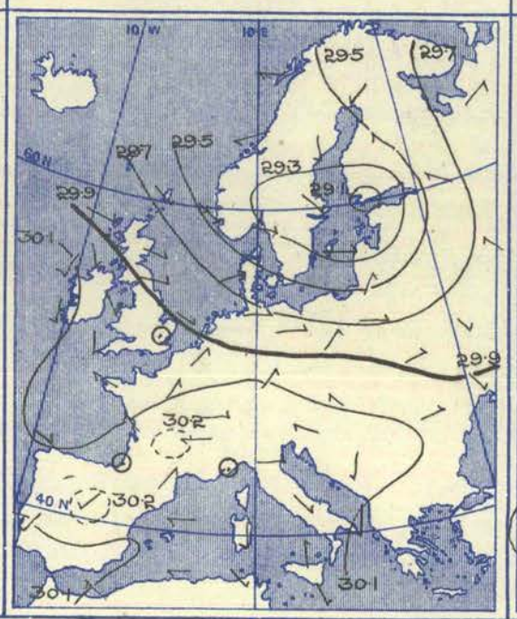
† There is no Sunshine Recorder in use at this Station. The figures entered for Sunshine are those recorded at a neighbouring Station of which the name is given in brackets.

Sunday, 18th March, 1906.

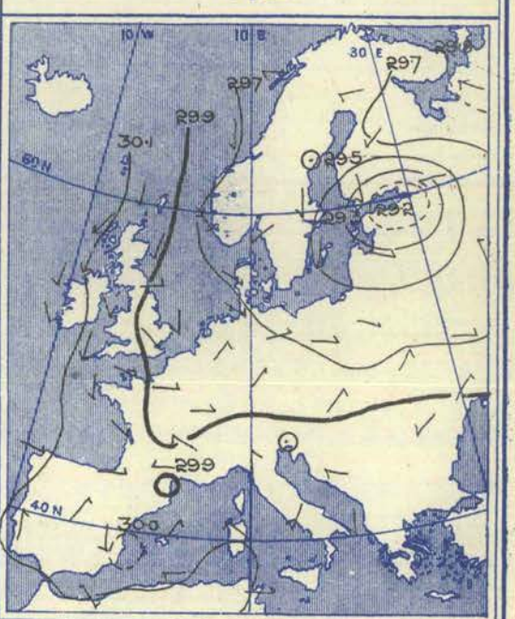
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine and bright in Ireland and Scotland and over the southern half of our area. Dull over England and on the Continent north of latitude 55°, with rain at several of our own stations and snow at Moscow and in the southern parts of Sweden and Finland. Some rain, sleet, or snow falling later in nearly all British localities, France, and the northern regions of the Continent; largest amounts 0·5 in. at Cape Gris Nez, and 0·6 in. at Brussels and Aix-la-Chapelle.

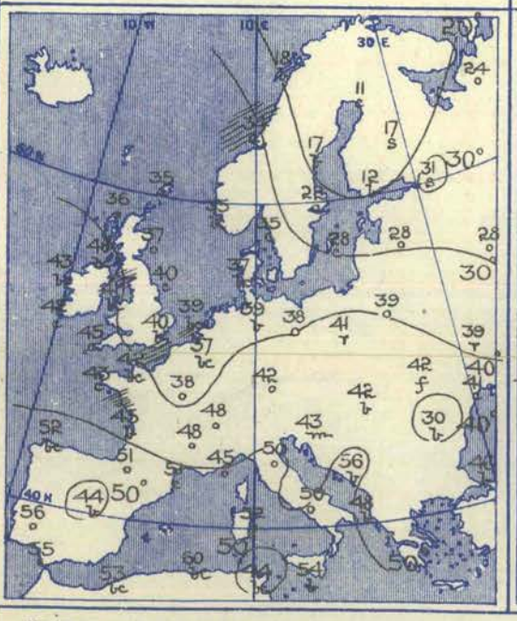
TEMPERATURE fallen except over North Germany, Poland, and Hungary. Readings in morning ranging from 61° at Cagliari and 59° at Barcelona and Algiers to below 45° at many stations in our Islands and central Europe, and to less than 30° in the extreme north and east. Lowest values 14° at Kuopio and 12° at Haparanda. Rising to 50° later at a few of our own stations, to above 60° in Italy, some parts of central Europe, and Algeria, and to above 70° in Spain and the south-west of France. Highest readings 75° at Biarritz and 84° at Bilbao.

WIND in morning circulating cyclonically with considerable force over Scandinavia and the neighbouring countries, the North-Westerly current blowing a gale in the south-west of Norway. Light and variable airs prevailing over the Mediterranean and southern countries, and Northerly breezes in Ireland and Wales. Wind becoming more Northerly by evening over Great Britain, but little change occurring as a whole.

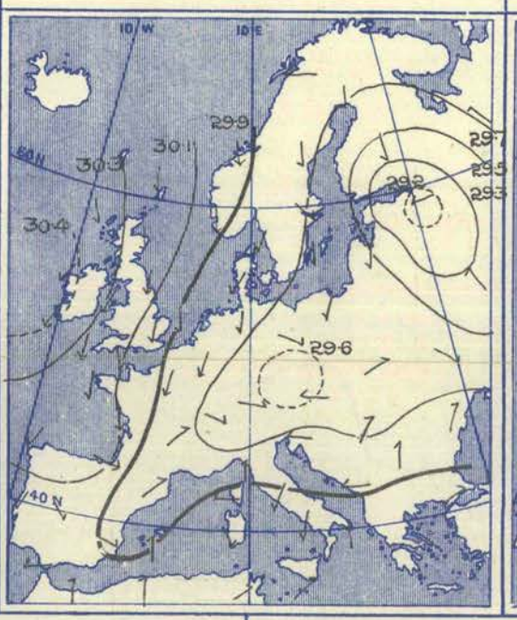
BAROMETER in morning below 29·1 ins. in a very extensive depression having its centre over the upper portion of the Baltic and relatively low in shallow disturbances over the south-west of our Islands and the Bay of Biscay. Above 30·1 ins. over the Mediterranean and the adjacent countries. Disturbances all moving eastwards during day and barometer rising quickly over Scandinavia and briskly in Scotland. A general decrease of pressure taking place over Italy and the Mediterranean region.

Monday, 19th March, 1906.

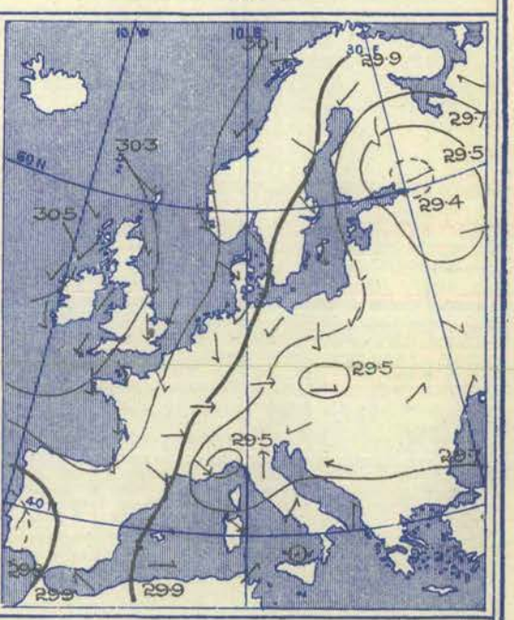
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fair or fine in most regions, but dull, with rain or snow, over central Europe and the central and northern regions of Russia. Showers of rain, hail, or sleet occurring later in the eastern districts of Great Britain and the north-east and east of France, and as much as 0·5 in. at Frankfort. Conditions continuing dry as a whole.

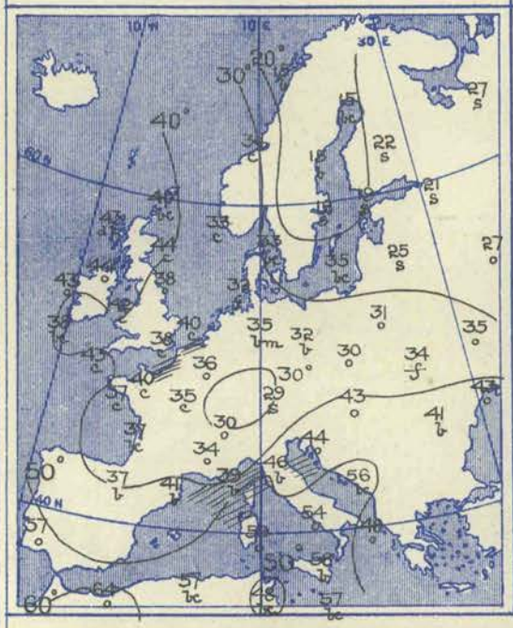
TEMPERATURE fallen generally, risen in Italy, the south-east of France, and over Russia. Readings at 8 a.m. 60° at Algiers, 58° at Palma, and about 50° at a few other southern stations. Below 40° over our area generally, and below 20° in the north-east and north. Lowest readings, 12° at Hangö and 11° at Haparanda. Maxima during day 81° at Nemours, 72° at Lisbon, and above 60° in the extreme south generally. Thermometer remaining below 50° in almost all parts of these Islands and in most Continental regions, and below 32° in the far north and north-east.

WIND in morning moderate or fresh from the Northward over the United Kingdom and its vicinity; two cyclonic circulations prevailing elsewhere, one over Russia and the other over the central countries. Wind increasing considerably over Italy and the Gulf of Genoa by evening, but no general change taking place.

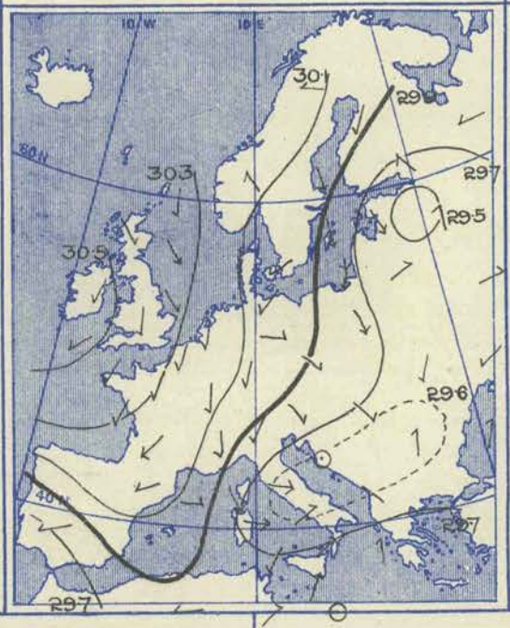
BAROMETER at 8 a.m. ranging from above 30·4 ins. over the west of Ireland and the adjacent part of the Atlantic, to below 30·0 ins. in the south-west of Spain, less than 29·6 ins. in a depression over South Germany, and to less than 29·2 ins. in a system centred near St. Petersburg. A small depression with very steep gradients for Northerly and North-Westerly winds appearing later over the Gulf of Genoa, and pressure also giving way rather decidedly over the south-west of the Spanish Peninsula.

Tuesday, 20th March, 1906.

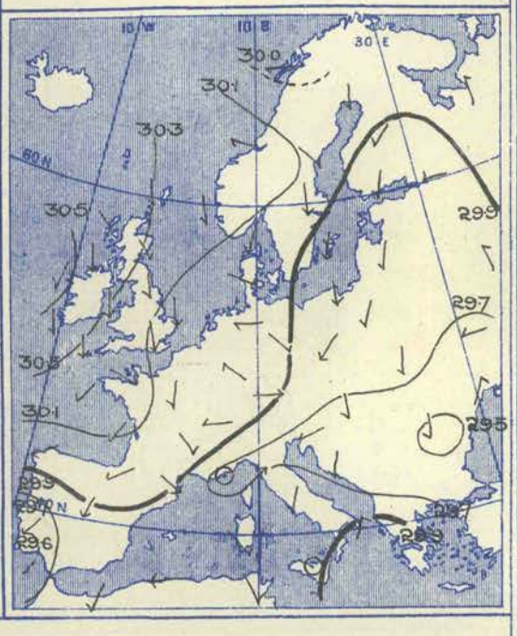
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine and bright over the Mediterranean region, but varying greatly elsewhere; showers falling in the Hebrides, and snow or rain at Limoges, and in several parts of central Europe, and snow in Finland and the adjacent portions of Russia. Showers of rain, hail, sleet, or snow experienced later over the eastern and southern districts of England, and the nearer parts of the Continent, considerable amounts of snow at some Austrian stations and of rain in the north of Italy.

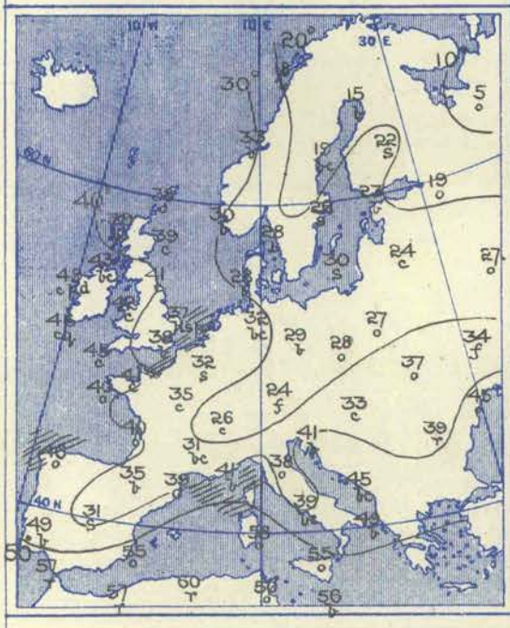
TEMPERATURE risen in Scotland and Finland, fallen generally elsewhere; readings in morning rather above 60° in the west of Algeria and as high as 59° at Cagliari, and 58° at Palermo. Below 40° over our area as a whole and below 20° at many stations in Scandinavia. Lowest values 15° at Hernösand, Haparanda, and Bodö. Rising during day to 73° at Nemours and to nearly 70° at a few other stations in the Mediterranean region. Maxima low generally, thermometer not reaching 50° over the northern parts of France.

WIND in morning Northerly over our Islands and their immediate neighbourhood and Easterly over the Spanish Peninsula, moderate or fresh as a whole, but strong at Oporto. Two complete cyclonic circulations shown,—one in the south and the other in the north of Europe. North-Westerly current strong in both cases. Little change later.

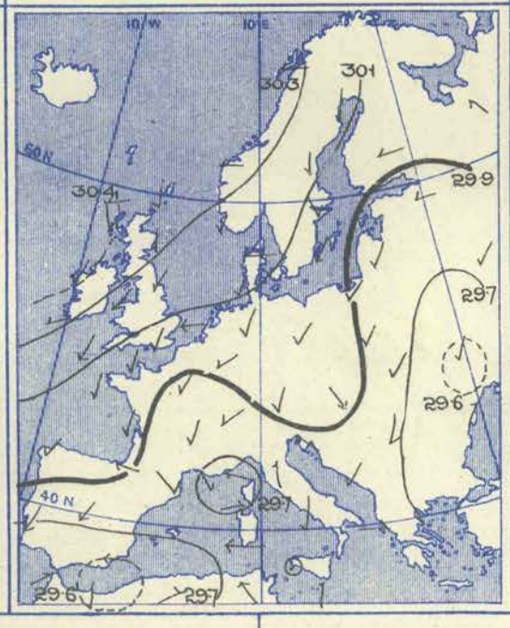
BAROMETER at 8 a.m. ranging from above 30·5 ins. in an anticyclone extending over Ireland from the westward to less than 29·7 ins. over the south-west of the Iberian Peninsula, to less than 29·6 ins. in an elongated disturbance extending eastwards from the north of Italy, and to below 29·5 ins. in a well formed system over the Gulf of Finland. Spanish depression moving eastwards later and a shallow ill-defined system forming off the south-east of England. Other low pressure systems becoming considerably modified both in form and depth.

Wednesday, 21st March, 1906.

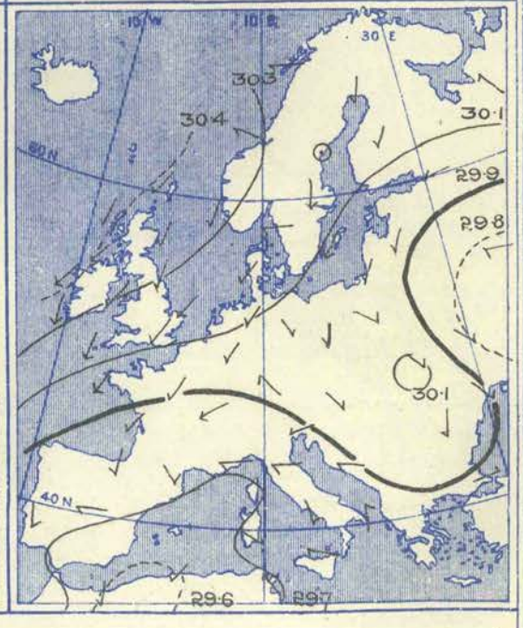
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine and bright over Denmark, Holland, and Scandinavia, and fair in many parts of our Islands and France. Cloudy or overcast in most other regions, with rain in Algeria and at Barcelona and San Fernando, and snow at Madrid, Brussels, Vienna, and in the south-east of Sweden. Snow or hail showers prevailing at some English stations. Snow showers becoming very general later over the east and south of Great Britain and considerable falls of rain occurring in various parts of southern Europe.

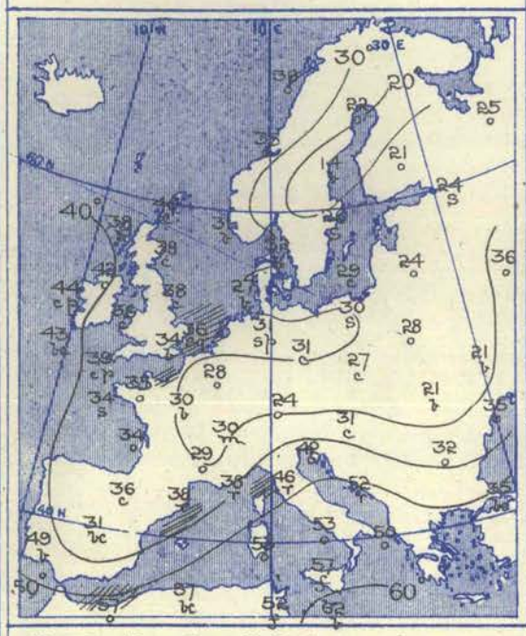
TEMPERATURE fallen in almost all regions. Readings in morning below 35° over the major portion of our area and below 32° in many localities. Lowest values, 5° at Archangel, 15° at Haparanda and Helsingfors, 24° at Munich, and highest, 58° at Cagliari and 60° at Algiers. Rising later to about 50° at some of our most western stations and in the south-west of France to about 54° in Italy, to 70° at Malta and Tunis, and to 73° at Nemours. Maxima below 32° in many of the central regions of Europe.

WIND at 8 a.m. moderate to strong from the North-Eastward over all the north-western countries as well as over the Spanish Peninsula. Three separate cyclonic circulations prevailing over the southern parts of our area. Latter becoming less well-marked later and North-Easterly wind decreasing in force over our Islands and their neighbourhood.

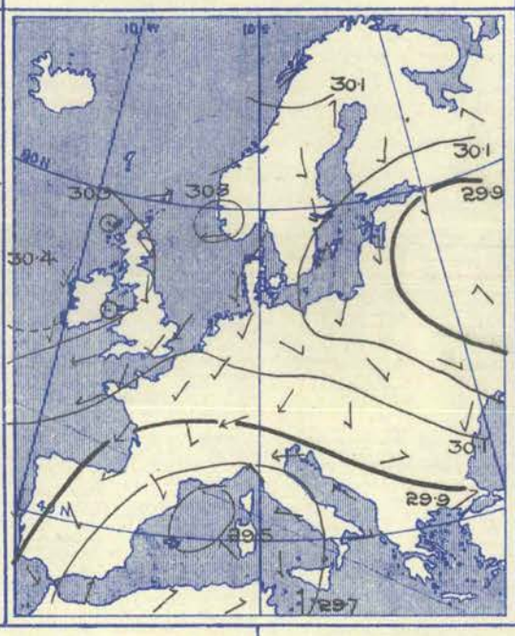
BAROMETER in morning ranging from 30·4 ins. and above off our most north-western coasts to less than 29·7 ins. in a depression over the Gulf of Genoa, and to below 29·6 ins. in two other disturbances—one near Alicante and the other over Little Russia. No great alteration in the general distribution of pressure during day, but a rather decided increase taking place over the south-east of Europe.

Thursday, 22nd March, 1906.

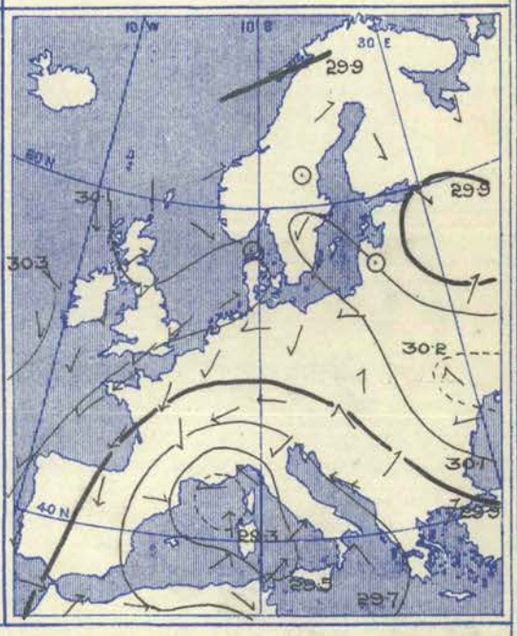
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine and bright in the southern and central parts of Spain, over Algeria, Denmark, the south of Norway and at a few stations in the United Kingdom and Finland. Cloudy or quite overcast elsewhere, with rain in the south of France and at Lesina, snow at Brest, Turin and Bilbao, and showers of snow on our south-east coasts and the nearer portion of the Continent. Snow also falling at Stockholm and St. Petersburg. Heavy rain later in the south of France and north of Italy and snow showers in these Islands.

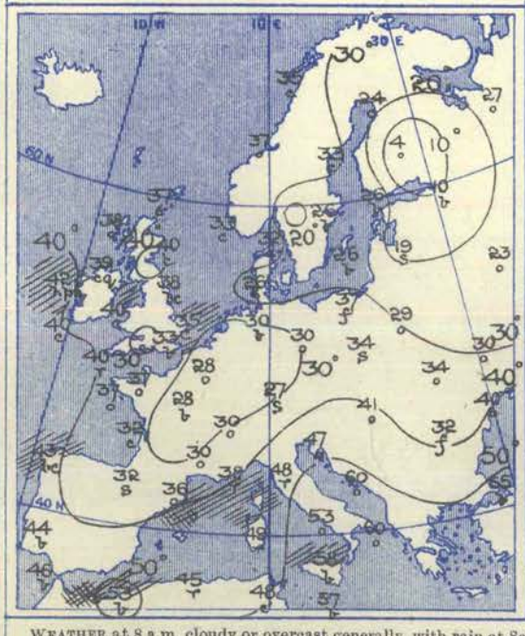
TEMPERATURE fallen generally, risen in the north of Scandinavia and in the greater part of Italy. Readings in morning 62° at Malta, 57° at Algiers, and about 50° at a few other stations in the extreme south. Below 32° over the major portion of the Continent, and not much above it over central and southern England. Lowest values, 14° at Hernösand and 10° at Uleaborg. Maxima during day below 40° in the south-east of England and over the central countries of the Continent, as well as at Turin and Bilbao. Thermometer rising to above 60° in the south of Italy and in Algeria, to 70° at Malta and Constantinople, and to 83° at Palermo.

WIND in morning light to fresh from North to North-East in the United Kingdom, the Netherlands, France, and the Spanish Peninsula. Cyclonic circulations of moderate force shown over Russia and the western portion of the Mediterranean. Little change later as a whole, but some increase in force taking place over the Mediterranean region; gales from South-West and South-East respectively setting in at Palermo and Lesina.

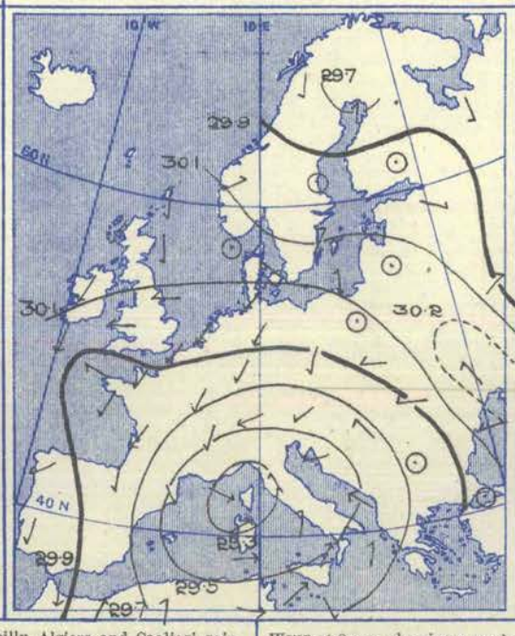
BAROMETER at 8 a.m. above 30·4 ins. in the extreme west of Ireland and above 30·3 ins. in the south-west of Norway; decreasing to below 29·9 ins. in a large depression over Russia, and to less than 29·5 ins. in another over the Gulf of Lions and its vicinity. A shallow disturbance appearing off the north of Scotland by evening and barometer falling over north-western Europe generally. Southern depression increasing in depth and also extending northwards. Irish anticyclone receding westwards.

Friday, 23rd March, 1906.

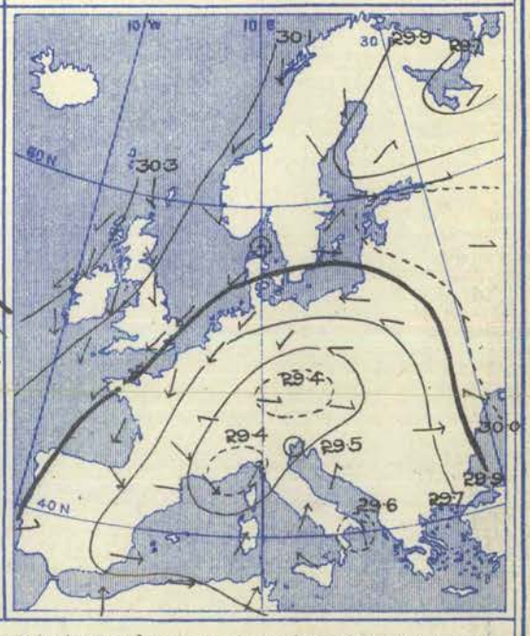
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. cloudy or overcast generally, with rain at Scilly, Algiers, and Cagliari, rain or snow over the north of Italy and the Riviera, snow in various parts of central Europe and at some English stations. Fine and bright in several parts of Finland and Sweden, as well as in the west of the Spanish Peninsula. Heavy rain later in Italy and some other southern regions and considerable amounts of snow in Germany and France. A thunderstorm, with hail, experienced at Algiers. Sleet or snow showers becoming rather general over these Islands.

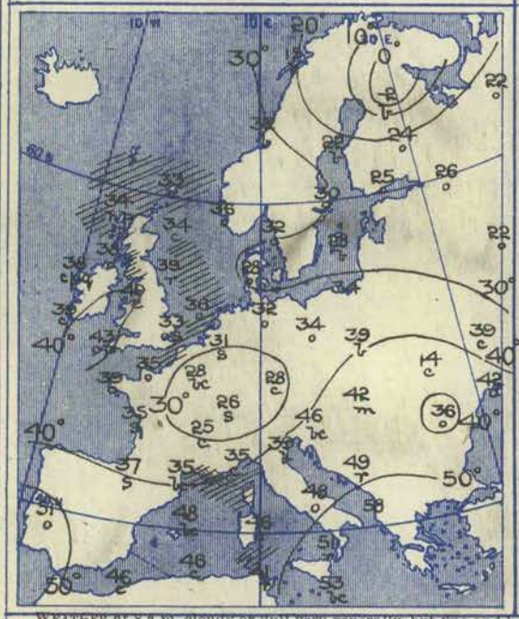
TEMPERATURE fallen in most regions, risen in Sweden and on the shores of the Baltic. Morning readings 60° at Malta, Brindisi, and Lesina, but below 50° in the south generally, and below 40° in almost all other districts. Frost prevailing over the central and northern countries and also in central England. Lowest readings 10° at St. Petersburg and 4° at Kuopio. Maxima during day below 40° at some of our own stations and also in the south of France. Thermometer rising to 70° at Brindisi, to 60° or above in the south of Italy and at Tunis, and to 68° at Hermanstadt.

WIND at 8 a.m. showing a moderate to strong and very extensive cyclonic circulation around the Gulf of Genoa. Northerly to North-Easterly current very strong both on our south-east and north-west coasts. Light or moderate breezes from some Westerly point prevailing over northern Europe. No general change occurring later.

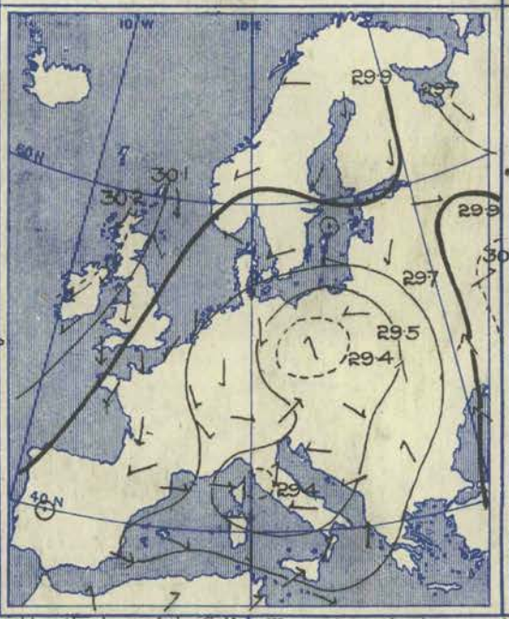
BAROMETER in morning ranging from above 30·2 ins. off the north-west of Scotland and also in the south-east of Russia to less than 29·7 ins. in Lapland, and to below 29·3 ins. over the Gulf of Genoa. Barometer rising decidedly over Lapland later and slowly in the west of our Islands. Another minimum appearing over central Europe and that over the Gulf of Genoa maintaining its position. Pressure beginning to decrease again in Portugal.

Saturday, 24th March, 1906.

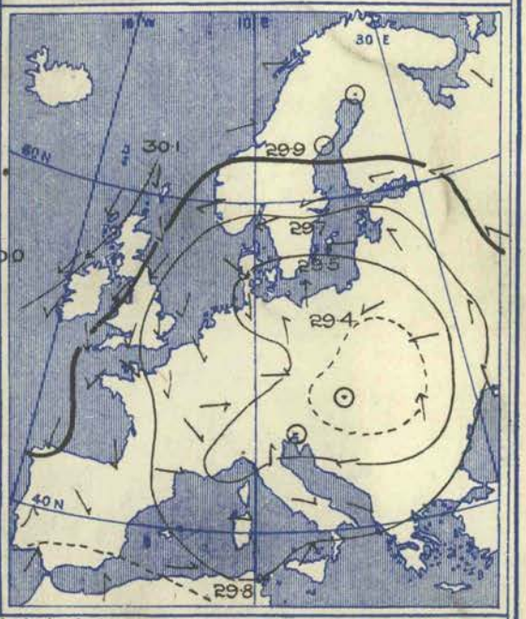
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. cloudy or dull very generally, but fine and bright on the shores of the Gulf of Bothnia and on the west coast of Norway. Showers of rain, sleet, or snow falling in many parts of this country and the south-west of France, snow over the south of Scandinavia, Belgium, and the adjacent portion of Germany, and at Belfort and Turin, and rain at some Italian stations and Tunis. Frequent showers later over these Islands and heavy rain in various parts of Austria-Hungary and Poland, and also at Palermo.

TEMPERATURE continuing very low for the time of year generally. Morning readings ranging from 58° at Brindisi and 56° at Hermanstadt to less than 40° over our area as a whole, and to less than 32° over vast tracts of the Continent. Lowest values, 25° at Lyons and Helsingfors, 22° at Moscow and Archangel, and −2° at Uleaborg. Maxima during day about 49° at most of our own stations, and below it over the Low Countries, Germany, and the east of France. Frost continuing all day at Belfort and in the north-east and north of Europe. Thermometer rising to above 60° in Algeria and to about 70° at Brindisi and Hermanstadt.

WIND at 8 a.m. showing two cyclonic circulations, one round the Gulf of Genoa and the other over Germany and central Europe. Westerly current rather strong at some Mediterranean stations, and that from East or North-East fresh over the Baltic and Denmark. Moderate to fresh or strong Northerly breezes prevailing over the United Kingdom and the Bay of Biscay. Little change as a whole later, but some increase in force taking place on our north-west coasts.

BAROMETER above 30·2 ins. off our north-west coasts and above 30·0 ins. over the southern half of Russia. Below 29·4 ins. in a small minimum over the Gulf of Genoa, and nearly as low as 29·3 ins. in a larger disturbance having its centre near Berlin. Less than 29·7 ins. in the north of Russia. Gradients steepest over this country. Low pressure area becoming much modified in form by evening and tending to move eastwards and at the same time to spread northwards. Pressure increasing decidedly over northern Russia, and falling in the south.

IV.—BRIGHT SUNSHINE Values for the Week, in addition to those on page 68.

	STATIONS.	No. of Hours recorded.	Difference from the Mean for the Week.	Percentage of Possible Duration	Difference from the Mean for the Week.
1.	Crathes	19·1	—	23	—
	Balruddery	39·8	—	47	—
2.	Saltburn-by-the-Sea	31·1	—	37	—
3.	Cromer	28·0	—	33	—
	Dunmow	25·6	—	30	—
	London, Bunhill Row	18·1	+ 0·8	21	+ 1
4.	Sheffield	21·8	—	26	—
5.	Margate	26·4	− 2·6	31	− 3
	Ramsgate	29·3	—	35	—
	Eastbourne	29·8	− 2·4	35	− 3
	Brighton	23·4	− 8·4	28	− 10
	Worthing	26·2	—	31	—
	Bognor	28·4	—	33	—
	Ventnor Hospital	29·5	− 4·5	35	− 5
7.	Southport	41·3	—	49	—
	Rhyl	43·7	—	51	—
	Aberdovey	48·6	—	57	—
8.	Aberystwyth	41·3	—	49	—
	Tenby	45·3	+ 12·2	53	+ 14
	Torquay	40·1	+ 7·0	47	+ 8
	Newquay				

V.—OBSERVATIONS IN THE UPPER AIR.—Temperature, Humidity and Wind Velocity.

Date of Observation.	Station and its Height above M.S.L.		Heights in feet above Mean Sea Level. Ground Level.	1,660.	3,320.	5,000.	6,660.	8,320.	10,000.	Remarks.
1906. March 19th, 2.53 p.m.— 5.55 p.m.	Ditcham Park, Petersfield, 400 ft.	Temperature F.	41°	35°	26°	21°				One small kite. Wire 6,410 ft. Max. height 5,200 ft. Lowest temp. 20°. Cumulus clouds with showers of rain and soft hail. Base of one Cumulus 2,700 ft. Humidity variable 70% to 100%.
		Humidity	—	—	—	—				
		Wind Velocity, m. per hr.	N by W, —	N, 35	N by E 40	—, 45				
March 20th, 2.50 p.m.— 3.40 p.m.	Oxshott, 200 ft.	Temperature F.	42°	35°	[28°]					One kite. Wire 3,200 ft. Max. height 2,900 ft. Cloud level 1,900 ft. on ascent; 1,200 ft. on descent. Rain throughout.
		Humidity	100	100	[100]					
		Wind Velocity, m. per hr.	NW, 8	NNW, 20	—, 35					
March 21st, 11.20 a.m.— 12.30 p.m.	Oxshott, 200 ft.	Temperature F.	43°	35°	27°	[22°]				One kite. Wire 5,300 ft. Max. height 4,400 ft. Cloud level about 3,500 ft. Squally. Wind variable from 15 m. to 45 m. per hour, without reference to height. Humidity variable 50% to 90%.
		Humidity								
		Wind Velocity, m. per hr.	NE, 15	—	ENE,—					
March 23rd, 10.30 a.m.— Noon.	Oxshott, 200 ft.	Temperature F.	38°	31°	23°	17°				One kite. Wire 6,000 ft. Snow squalls. Wind over 40 m. per hour during the descent. The upper part of the wire came back with a coating of solid ice on it, diameter nearly $\frac{1}{2}$ in.
		Humidity	60	75	95	80°				
		Wind Velocity, m. per hr.	NE, 20	NE, 25	NE, 25	NE, 33				
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								

63, Victoria Street, London, S.W.
March 28th, 1906.

W. N. SHAW,
Director.

ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE,

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TWENTY-NINTH YEAR. Vol. XXIII. (New Series.) } No. 13. THIRTEENTH WEEK, ENDING SATURDAY, MARCH 31ST, 1906. [Price 6d. Annual Subscription post paid £1 10s. 0d.

SUPPLIED FOR THE PUBLIC SERVICE

I.—GENERAL REMARKS.

Weather was mostly fair and dry in the western districts. In the east and extreme north the earlier days of the period were unsettled, with frequent showers of hail, sleet or snow; but towards the close of the week the improvement hitherto reported in the west extended to all parts of the Kingdom.

Temperature continued below the average, the deficit being more than 5° in England E., S. and S.W. and as much as 5½° in the Channel Islands. Further to the northward and westward the difference from the normal was not so marked, that in the west and north of Scotland being less than 2°. The highest of the maxima, recorded generally at the end of the week, ranged from 57° in Scotland E. and 56° in Scotland W. to 51° in the Channel Islands. The absolute minima were very low for the time of year. In most places they were recorded about the middle of the week, when the thermometer fell to 15° in Scotland E. to 19° in England S.W. and to 21° in the Midland Counties. In the other districts the readings ranged from 22° in England S. to 31° in the Channel Islands.

Rainfall was much less than the average in all parts of the Kingdom.

Bright Sunshine was in excess in all the western districts excepting Ireland S. and in defect in all the eastern districts. The percentage of the possible duration ranged from 50 in the Channel Islands, 46 in Scotland W. and 41 in England S.W., to 22 in England N.E. and the Midland Counties and to 20 in England E.

Barometer and Wind.—The dominating factor in the pressure distribution was an anticyclone which at first lay on the Atlantic off our north-west coasts, and subsequently took up a more southerly position and extended in an easterly or south-easterly direction across Ireland and England. Some very small irregularities in pressure were present over our eastern and southern districts during the earlier part of the period. The North-Easterly winds which were general early in the week blew freshly or strongly in most parts of the Kingdom; but later the North-Easterly current was superseded by light Northerly or North-Westerly breezes in most parts of the Kingdom. The general direction of the wind continued North-Easterly in the south-east and south of England until late in the week; but after Tuesday it blew with little strength.

SUMMARY OF TEMPERATURE, RAINFALL, AND DURATION OF BRIGHT SUNSHINE IN THE UNITED KINGDOM, FOR AGRICULTURAL AND SANITARY PURPOSES.

THE WEEK (13th)—March 26th to March 31st, 1906.

DISTRICTS. (See p. 74.)	Temperature. Highest.	Lowest.	Means of: Daily Max.	Daily Min.	Daily Mean.	Difference from Av. (35 Yrs.)	Accumulated. Number of Day-Degrees. Above 42°	Difference from Av. (25 Yrs.)	Below 42°	Difference from Av. (25 Yrs.)	Rainfall. Number of Rain-Days.	Diff. from Av. (35 Yrs.)	Total Fall.	Difference from Average (35 Yrs.)	Sunshine. Hours recorded.	Diff. from Av. (25 Yrs.)	Percentage of Possible Duration.	Diff. from Av. (25 Yrs.)
	°	°	°	°	°	°	Day-deg.	Day-deg.	Day-deg	Day-deg.			Inches.	Inches.			%	%
0. SCOTLAND, NORTH ..	53	23	45·8	32·2	38·8	- 1·7	11	- 4	36	+ 9	5	+ 1	0·22	- 0·65	31	+ 5	35	+ 6
Eastern 1. SCOTLAND, EAST ..	57	15	46·0	32·1	38·9	- 2·1	11	- 9	36	+ 8	3	- 1	0·16	- 0·33	27	- 2	31	- 3
Eastern 2. ENGLAND, N.E. ..	52	27	44·9	33·6	39·1	- 3·3	8	- 14	30	+ 8	2	- 1	0·12	- 0·26	19	- 4	22	- 5
Eastern 3. ENGLAND, EAST ..	52	25	44·2	32·7	38·3	- 5·2	6	- 23	33	+ 10	2	- 1	0·13	- 0·22	17	- 13	20	- 15
Eastern 4. MIDLAND COUNTIES	54	21	45·2	31·8	38·3	- 4·8	9	- 21	37	+ 12	2	- 1	0·08	- 0·33	20	- 8	22	- 9
Eastern 5. ENGLAND, SOUTH ..	54	22	45·5	32·3	38·7	- 5·3	10	- 20	35	+ 18	2	- 1	0·15	- 0·26	32	- 1	37	- 1
Western 6. SCOTLAND, WEST ..	56	26	47·6	34·9	41·0	- 1·5	16	- 5	27	+ 7	1	- 3	0·04	- 0·73	41	+12	46	+13
Western 7. ENGLAND, N.W. ..	53	24	44·5	33·1	38·6	- 4·6	7	- 16	32	+ 14	1	- 2	0·04	- 0·45	31	+ 4	35	+ 4
Western 8. ENGLAND, S.W. ..	53	19	45·9	31·8	38·7	- 5·4	11	- 18	37	+ 25	1	- 2	0·02	- 0·57	36	+ 6	41	+ 6
Western 9. IRELAND, NORTH ..	52	24	47·0	34·1	40·4	- 2·9	14	- 11	30	+ 13	2	- 2	0·07	- 0·50	29	+ 1	33	+ 1
Western 10. IRELAND, SOUTH ..	54	26	47·5	35·2	41·1	- 3·9	15	- 17	26	+ 13	1	- 3	0·05	- 0·60	29	- 2	33	- 2
11. CHANNEL ISLANDS..	51	31	46·5	36·3	41·2	- 5·5	13	- 22	22	+ 18	2	- 2	0·06	- 0·45	44	+ 7	50	+ 8

THE SEASON (**Spring**).—Aggregates, &c., for the Period of 4 Weeks, March 4th to March 31st, 1906.

0. SCOTLAND NORTH ..	55	8	*	*	*	*	28	- 18	151	+ 29	22	+ 4	4·39	+0·58	86	- 2	26	- 1
Eastern 1. SCOTLAND, EAST ..	57	11	*	*	*	*	37	- 27	140	+ 10	19	+ 4	2·27	+0·22	108	+ 6	33	+ 2
Eastern 2. ENGLAND, N.E. ..	63	18	*	*	*	*	69	- 4	102	- 3	15	+ 1	1·21	- 0·33	122	+18	37	+ 6
Eastern 3. ENGLAND, EAST ..	67	24	*	*	*	*	81	- 14	92	- 19	16	+ 3	1·23	- 0·17	108	+ 2	33	+ 1
Eastern 4. MIDLAND COUNTIES	66	18	*	*	*	*	89	- 10	99	- 15	15	+ 2	1·23	- 0·41	108	+ 4	33	+ 1
Eastern 5. ENGLAND, SOUTH ..	66	22	*	*	*	*	73	- 26	87	+ 2	17	+ 4	1·47	- 0·23	115	+ 1	35	0
Western 6. SCOTLAND, WEST ..	56	18	*	*	*	*	55	- 13	91	- 4	13	- 3	3·20	- 0·16	120	+20	36	+ 6
Western 7. ENGLAND, N.W. ..	62	16	*	*	*	*	55	- 28	92	+ 6	14	0	2·64	+0·54	115	+20	35	+ 8
Western 8. ENGLAND, S.W. ..	66	19	*	*	*	*	79	- 19	84	+ 16	14	0	2·26	- 0·19	126	+18	38	+ 5
Western 9. IRELAND, NORTH ..	56	20	*	*	*	*	65	- 20	83	+ 2	18	0	2·59	+0·19	83	- 14	25	- 4
Western 10. IRELAND, SOUTH ..	60	26	*	*	*	*	109	- 1	47	- 16	15	0	2·10	- 0·63	90	- 14	30	- 4
11. CHANNEL ISLANDS..	60	31	*	*	*	*	99	- 24	36	+ 11	16	0	1·41	- 0·71	135	+ 3	41	+ 1

THE YEAR.—Aggregates, &c., for the period of 13 Weeks, December 31st, 1905, to March 31st, 1906.

0. SCOTLAND, NORTH ..	55	8	*	*	*	*	46	- 66	492	+ 48	74	+13	17·47	+3·97	189	+ 7	22	+ 1
Eastern 1. SCOTLAND, EAST ..	57	11	*	*	*	*	74	- 71	470	- 25	55	+ 6	7·26	+0·09	271	+40	32	+ 5
Eastern 2. ENGLAND, N.E. ..	63	18	*	*	*	*	125	- 32	363	- 49	52	+ 7	5·29	+0·13	277	+37	31	+ 4
Eastern 3. ENGLAND, EAST ..	67	23	*	*	*	*	159	- 31	341	-111	57	+11	6·83	+1·94	265	+28	30	+ 3
Eastern 4. MIDLAND COUNTIES	66	18	*	*	*	*	168	- 39	375	- 84	55	+ 9	7·14	+1·21	250	+31	28	+ 3
Eastern 5. ENGLAND, SOUTH ..	66	20	*	*	*	*	206	- 13	288	- 59	62	+16	8·93	+2·58	291	+40	32	+ 4
Western 6. SCOTLAND, WEST ..	56	14	*	*	*	*	117	- 45	325	- 26	58	+ 3	14·09	+1·64	263	+58	30	+ 7
Western 7. ENGLAND, N.W. ..	62	16	*	*	*	*	132	- 53	299	- 41	57	+ 8	11·20	+3·62	246	+45	28	+ 5
Western 8. ENGLAND, S.W. ..	66	19	*	*	*	*	231	- 22	264	0	61	+11	13·84	+4·34	286	+45	32	+ 5
Western 9. IRELAND, NORTH ..	56	20	*	*	*	*	163	- 49	289	- 16	73	+13	11·26	+2·50	231	+16	26	+ 2
Western 10. IRELAND, SOUTH ..	60	24	*	*	*	*	297	- 2	209	- 22	67	+12	10·87	+0·13	250	- 7	28	- 1
11. CHANNEL ISLANDS..	60	27	*	*	*	*	339	- 11	79	- 28	70	+15	10·04	+1·58	320	+22	35	+ 2

Bright Sunshine.—For certain of the Districts the values of Bright Sunshine in this Table are based on the records from a part only of the Stations included in the Tables under II. and IV. For certain of the Stations Mean Values are not available, and for the Districts containing these Stations the "Difference from Average" is based on the records from a smaller number of Stations than those supplying the values for "Hours Recorded."

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II.—DATA from which the SUMMARY on page 73 has been calculated.

March 25-31, 1906.		Temperature. In Degrees Fahrenheit.								Rainfall.			Bright Sunshine.			
				Averages for the Week.			Difference of Daily Average from Mean for the Week.	Accumulated Heat for the Week (in Day-degrees).								
Districts.	Names of Stations.	Highest observed.	Lowest observed.	Of Highest each day.	Of Lowest each day.	For whole of each day.		Above 42°	Below 42°	Number of Rain-Days.	Rainfall in the Week.	Difference from the Mean for the Week.	Number of Hours recorded.	Difference from the Mean for the Week.	Percentage of possible duration.	Difference from the Mean for the Week.
		°	°	°	°	°	°	Day-deg	Day-deg		Inches.	Inches.	Hrs.	Hrs.	%	%
0. SCOTLAND, N.	†Sumburgh Head (Deerness)	? 47	30	43·0	33·1	37·9	− 1·5	3	31	6	0·16	− 0·44	31·3	+ 3·2	35	+ 4
	Wick	50	30	45·7	32·7	39·0	− 1·8	10	34	6	0·26	− 0·18	*	*	*	*
	†Lairg (Strathpeffer)	53	25	48·2	30·1	38·9	− 0·1	17	44	6	0·23	− 0·41	33·1	+ 8·0	37	+ 9
	Stornoway	52	32	47·7	33·9	40·6	− 0·3	16	31	2	0·02	− 0·78	35·9	+ 7·9	40	+ 8
	Glencarron	49	28	43·7	31·9	37·6	− 2·2	5	35	6	0·60	− 0·99	*	*	*	*
	Fort Augustus	52	23	46·7	31·5	38·9	− 2·4	13	39	5	0·16	− 0·54	24·0	+ 3·0	27	+ 3
	Fort William	52	24	45·7	32·0	38·7	− 3·5	10	37	3	0·12	− 1·18	*	*	*	*
1. SCOTLAND, E.	Nairn	52	26	46·9	31·7	39·1	− 2·3	14	38	6	0·16	− 0·22	*	*	*	*
	Aberdeen	52	30	45·6	34·7	40·0	− 1·4	10	27	3	0·18	− 0·43	24·9	− 5·3	28	− 6
	Balmoral	48	15	40·9	29·0	34·8	− 3·0	0	50	4	0·32	− 0·25	*	*	*	*
	Clathick	54	24	48·9	31·1	39·7	− 2·1	19	41	0	0·00	− 0·60	*	*	*	*
	†Leith (Edinburgh)	57	31	48·7	35·6	42·0	− 0·8	19	18	2	0·11	− 0·24	22·8	− 1·1	26	− 1
	Marchmont	50	25	44·9	30·6	37·5	− 3·2	8	40	2	0·30	− 0·25	27·4	− 0·2	31	0
2. ENGLAND, N.E. — Northern part.	†Alnwick Castle (Cockle Park)	52	30	46·4	33·5	39·8	− 1·5	12	32	2	0·10	− 0·41	25·3	—	29	—
	†Shields (Newcastle)	51	31	45·1	33·0	38·9	− 3·1	9	33	2	0·08	− 0·30	20·0	− 2·4	23	− 3
	Durham	50	31	44·2	33·2	38·5	− 3·2	6	31	3	0·09	− 0·33	24·4	− 3·3	28	− 4
	Scarborough	50	31	45·4	35·8	40·5	− 2·0	10	23	2	0·07	− 0·33	13·0	—	15	—
	York	52	29	46·1	33·1	39·4	− 3·4	11	33	2	0·18	− 0·18	21·0	− 5·2	24	− 6
2. ENGLAND, N.E. — Southern part.	†Spurn Head (Skegness)	47	32	42·0	35·7	38·8	− 3·5	0	22	3	0·10	− 0·20	12·5	—	14	—
	Lincoln	50	29	45·0	32·8	38·7	− 4·8	8	33	3	0·15	− 0·18	*	*	*	*
	†Fulbeck (Rauceby)	50	27	45·0	31·4	38·0	− 5·0	8	38	2	0·21	− 0·14	19·2	—	22	—
3. ENGLAND, E. — Northern part.	Hillington	51	29	44·3	32·6	38·3	− 4·8	6	33	2	0·14	− 0·26	11·0	− 19·0	13	− 22
	†Yarmouth (Lowestoft)	49	33	43·0	34·3	38·5	− 3·7	3	27	4	0·20	− 0·18	19·5	—	22	—
	Geldeston	52	31	44·5	32·9	38·5	− 4·6	7	32	2	0·20	− 0·14	15·4	− 16·7	18	− 19
3. ENGLAND, E. — Southern part.	Cambridge	52	25	44·5	31·4	37·8	− 5·9	7	38	3	0·20	− 0·11	14·3	− 17·2	16	− 20
	Felixstowe	49	29	43·7	33·1	38·2	− 5·2	5	31	2	0·10	—	21·9	—	25	—
	Clacton-on-Sea	50	31	43·7	33·3	38·4	− 5·4	5	31	2	0·02	—	23·5	—	27	—
	Rothamsted	52	25	43·9	30·6	37·1	− 5·7	5	40	3	0·23	− 0·18	21·3	− 8·6	24	− 10
	†Shoeburyness (Southend)	51	30	44·4	32·6	38·3	− 6·0	7	33	1	0·04	− 0·23	24·5	—	28	—
	London, Westminster	52	30	45·6	33·1	39·2	− 5·4	10	33	2	0·04	—	14·5	− 5·5	17	− 6
4. MIDLAND COUNTIES. — Eastern part.	Harrogate	51	27	44·0	31·6	37·6	− 3·9	6	36	4	0·12	− 0·36	22·9	—	26	—
	†Bawtry (Worksop)	52	32	46·1	37·1	41·5	− 2·0	11	19	2	0·10	− 0·26	17·6	− 8·4	20	− 10
	Nottingham	50	28	44·3	32·7	38·3	− 5·4	6	33	2	0·11	− 0·25	18·1	—	21	—
	†Colly Weston (Oundle)	50	28	47·1	31·7	39·2	− 4·4	14	38	3	0·14	− 0·21	16·0	—	18	—
	Birmingham, Edgbaston	50	27	42·8	32·6	37·6	− 5·2	2	33	2	0·11	− 0·29	3·1	—	4	—
	Oxford	54	27	46·4	30·7	38·3	− 5·5	12	41	2	0·07	− 0·27	18·4	− 11·0	21	− 13
4. MIDLAND COUNTIES. — Western part.	Cheadle	50	27	43·5	31·7	37·4	− 4·3	4	36	2	0·03	− 0·46	*	*	*	*
	Shrewsbury	49	25	45·2	31·0	37·9	− 5·8	9	39	1	0·04	—	*	*	*	*
	Hereford	52	26	45·9	31·2	38·3	− 5·5	11	39	1	0·05	− 0·33	*	*	*	*
	Cirencester	52	21	44·8	29·6	37·0	− 5·6	8	44	3	0·10	− 0·34	25·9	− 4·4	29	− 5
	Bath	53	25	47·1	30·1	38·4	− 5·7	14	44	1	0·03	− 0·45	38·2	—	43	—
5. ENGLAND, S.	†London, Brixton (Kew)	52	28	46·0	32·3	39·0	− 5·8	11	36	1	0·06	− 0·30	21·7	− 6·5	25	− 7
	Wisley, Surrey	52	26	45·0	31·7	38·2	− 5·5	8	37	2	0·08	—	27·1	—	31	—
	Swarraton	50	22	45·3	30·2	37·5	− 5·1	9	42	2	0·30	− 0·17	*	*	*	*
	Tunbridge Wells	50	27	43·3	31·0	37·0	− 6·3	4	38	2	0·30	− 0·14	26·6	− 4·9	30	− 6
	†Dungeness (Littlestone)	52	28	44·3	33·0	38·5	− 5·1	6	32	2	0·11	− 0·21	32·3	—	37	—
	Hastings	51	30	44·7	33·8	39·1	− 4·9	8	30	3	0·10	− 0·32	36·9	+ 2·5	42	+ 3
	Southampton	54	28	48·4	32·6	40·3	− 4·9	18	36	2	0·19	− 0·28	37·9	+ 5·1	43	+ 6
	†Portland Bill (Bournemouth)	51	29	47·1	33·9	40·3	− 4·8	14	31	2	0·03	—	37·1	—	42	—
6. SCOTLAND, W.	Laudale, Loch Sunart	53	27	48·4	35·8	41·9	− 1·1	18	25	2	0·03	− 1·27	*	*	*	*
	Glasgow	51	29	46·2	34·5	40·2	− 1·5	12	28	0	0·00	− 0·55	37·8	+ 14·8	43	+ 17
	Dumfries	56	26	48·4	33·1	40·5	− 2·0	18	34	2	0·07	− 0·58	*	*	*	*
	Cally	52	29	48·3	36·7	42·3	− 0·1	24	15	0	0·00	− 0·74	*	*	*	*
	Douglas, Isle of Man	52	29	46·6	34·4	40·3	− 2·7	13	28	1	0·09	− 0·50	43·1	+ 8·2	49	+ 9
7. ENGLAND, N.W.	Aspatria	53	27	45·4	32·2	38·6	− 3·6	10	35	1	0·08	− 0·49	33·3	—	38	—
	Newton Rigg	51	24	45·7	30·9	38·1	− 3·2	10	40	1	0·13	− 0·37	28·4	− 0·6	32	− 1
	Stonyhurst	49	29	43·9	32·5	38·0	− 4·1	5	33	1	0·01	− 0·70	40·8	+ 12·7	46	+ 15
	Blackpool	47	27	44·6	31·7	38·0	− 4·9	7	37	0	0·00	− 0·47	35·0	+ 6·4	40	+ 7
	Manchester, Prestwich	51	28	44·8	32·9	38·7	− 4·0	8	33	2	0·03	− 0·52	34·2	+ 11·7	39	+ 13
	†Liverpool Obs. (Hoylake)	48	29	44·1	34·4	39·1	− 4·7	6	27	0	0·00	− 0·39	31·3	—	36	—
	Hawarden Bridge	47	26	44·1	32·1	37·9	− 6·3	6	35	0	0·00	− 0·30	*	*	*	*
7. NORTH WALES	Llandudno	47	34	44·0	36·3	40·0	− 4·7	6	20	0	0·00	− 0·44	18·4	− 10·9	21	− 12
	Holyhead	48	31	43·7	36·0	39·7	− 4·7	5	21	2	0·11	− 0·39	*	*	*	*
	Bettws-y-Coed	48	26	44·3	32·0	38·0	− 6·1	6	36	2	0·03	—	20·6	—	23	—
8. SOUTH WALES	Llangammarch Wells	49	19	44·4	27·6	35·8	− 6·6	7	51	2	0·04	—	22·8	—	26	—
	Pembroke	50	30	46·4	33·4	39·7	− 4·5	12	32	1	0·01	− 0·48	49·7	+ 15·7	57	+ 18
	Cardiff	51	24	46·4	30·9	38·4	− 6·5	12	40	0	0·00	− 0·61	*	*	*	*
8. ENGLAND, S.W.	Clifton	53	28	46·2	32·1	38·9	− 5·0	12	36	2	0·04	− 0·49	*	*	*	*
	†Shaftesbury (Marlborough)	51	26	44·6	30·9	37·6	− 4·7	7	40	1	0·01	− 0·50	25·7	− 1·5	29	− 2
	Arlington, N. Devon	51	28	45·4	30·0	37·5	− 5·1	10	43	2	0·07	− 0·72	*	*	*	*
	Cullompton	52	26	47·1	31·7	39·2	− 5·8	14	38	0	0·00	− 0·56	31·2	+ 1·0	36	+ 1
	Plymouth	52	30	46·9	33·8	40·2	− 5·5	14	31	0	0·00	− 0·55	34·0	+ 0·6	39	+ 1
	Falmouth	51	32	45·9	35·5	40·6	− 5·1	11	25	1	0·01	− 0·69	40·6	+ 5·6	46	+ 6
9 IRELAND, N. — Western part.	Malin Head	49	34	45·6	37·3	41·3	− 2·1	10	18	3	0·11	− 0·37	*	*	*	*
	Edenfel	51	26	48·1	31·9	39·8	− 2·1	17	38	2	0·04	− 0·56	*	*	*	*
	Blacksod Point	50	30	46·4	35·4	40·7	− 4·2	12	25	4	0·13	− 0·67	*	*	*	*
	Markree Castle	51	24	48·3	32·8	40·3	− 3·0	18	35	4	0·14	− 0·50	29·5	+ 1·8	34	+ 2
9 IRELAND, N. — Eastern part.	Armagh	52	25	48·2	31·9	39·8	− 3·0	17	38	0	0·00	− 0·49	28·3	+ 0·9	32	+ 1
	Donaghadee	50	29	45·6	35·1	40·2	− 3·2	10	26	1	0·02	− 0·42	*	*	*	*
10. IRELAND, S. — Eastern part.	†Dublin, City (Phœnix Park)	51	33	47·7	36·3	41·8	− 3·2	16	23	2	0·10	− 0·33	27·4	− 4·5	31	− 5
	Kilkenny	51	30	46·1	35·0	40·4	− 4·2	11	26	2	0·17	− 0·32	*	*	*	*
	Waterford	52	29	49·1	34·7	41·7	− 2·6	20	29	2	0·09	− 0·51	*	*	*	*
10. IRELAND, S. — Western part.	Birr Castle	49	26	46·7	31·7	39·0	− 4·7	13	38	1	0·01	− 0·51	24·9	− 4·1	28	− 5
	Foynes	54	31	49·0	36·2	42·4	− 2·4	27	16	0	0·00	− 0·60	*	*	*	*
	Killarney	52	28	46·9	33·8	40·2	− 5·6	14	31	0	0·00	− 0·95	*	*	*	*
	Valencia	52	32	47·7	37·0	42·2	− 4·2	22	14	0	0·00	− 0·91	34·6	+ 2·7	39	+ 3
	†Roches Point (Ballinacurra)	50	31	46·4	36·6	41·4	− 4·4	12	21	2	0·04	− 0·65	29·8	—	34	—
11. ENGLISH CHANNEL	Scilly, St. Mary's	51	33	46·4	36·3	41·2	− 5·8	12	22	1	0·04	− 0·46	42·7	+ 7·2	49	+ 8
	†Jersey, St. Aubins (St. Heliers)	51	31	47·3	35·3	41·1	− 5·7	15	26	2	0·03	− 0·47	48·7	+ 11·0	55	+ 13
	Guernsey	50	36	45·7	37·2	41·3	− 5·0	10	18	2	0·11	− 0·43	39·6	+ 2·1	45	+ 4

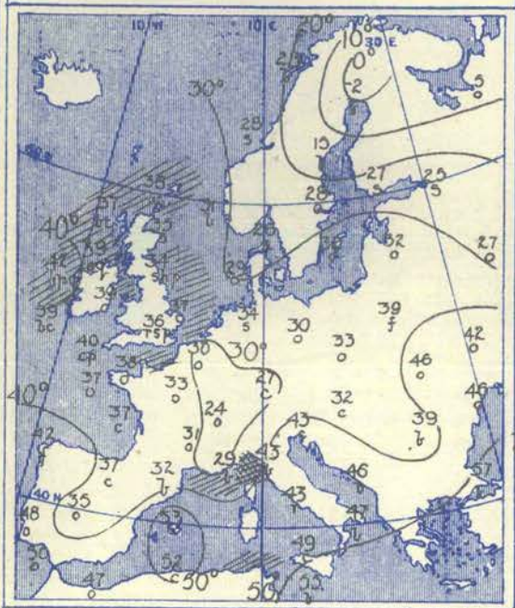
Information for Stations marked ℳ is supplied by the Royal Meteorological Society, and that for Stations marked 𝒮 is supplied by the Scottish Meteorological Society.

* An Asterisk is inserted in all places for which the information is not usually given.

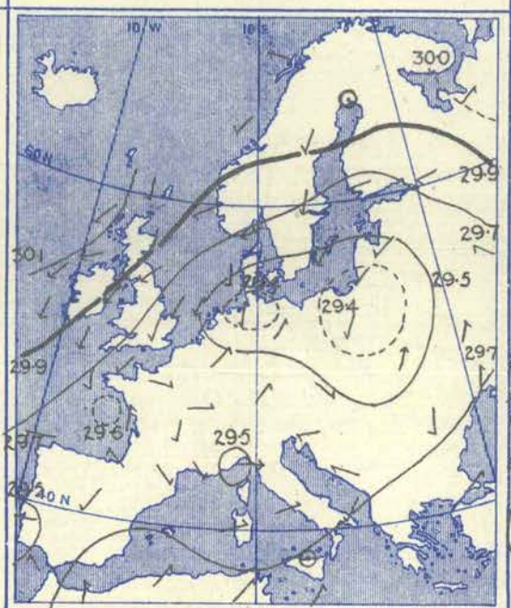
† There is no Sunshine Recorder in use at this Station. The figures entered for Sunshine are those recorded at a neighbouring Station of which the name is given in brackets.

Sunday, 25th March, 1906.

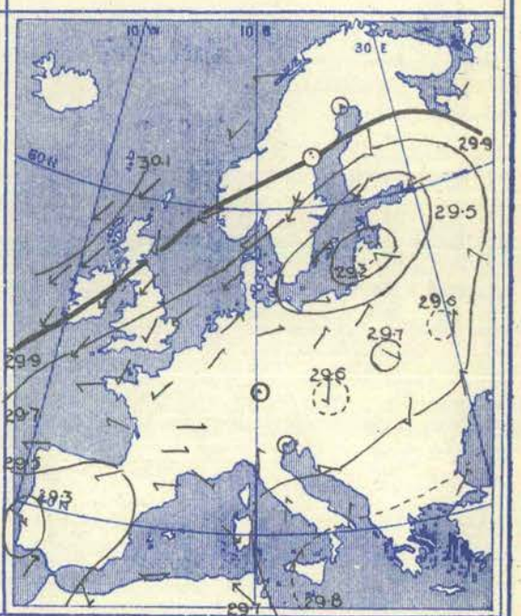
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine and bright in a few widely separated localities; cloudy or quite overcast generally, with rain at Rome, sleet or snow in several parts of Great Britain, and snow over Holland, on the shores of the Baltic, and at Skagen, as well as over the Gulf of Finland. Frequent showers of sleet or snow over the United Kingdom later and heavy rain at some stations in the south of France and in Spain, and considerable falls in various parts of central Europe.

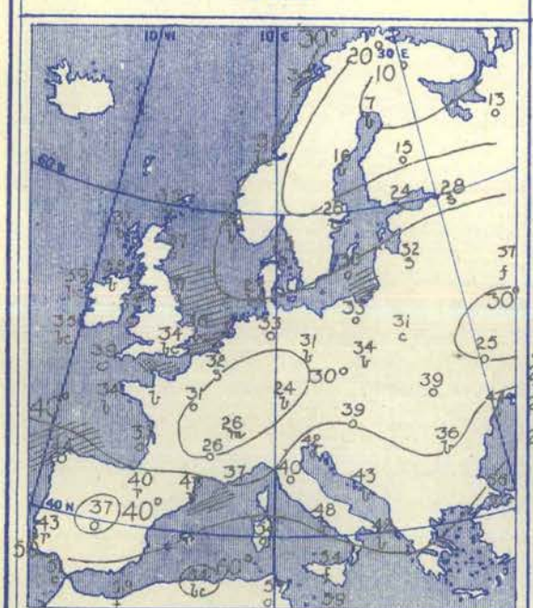
TEMPERATURE changed irregularly; readings at 8 a.m. ranging from 55° at Malta and 57° at Constantinople to below 40° generally, and to much below the freezing point in the north and north-east of Europe. Lowest values, 5° at Archangel and −2° at Haparanda. Maxima during day below 40° at some of our own south-eastern stations, Holland, and Germany, and less than 50° in nearly all parts of France. Thermometer rising to above 60° at a few places in the extreme south of our area, and to about 70° at Nemours and Constantinople.

WIND in morning North-Easterly over all the north-western countries, with a fresh gale in the Skager Rack and fresh or very strong breezes on many parts of our own coasts. Three cyclonic circulations prevailing over the more central regions of Europe. A complete cyclonic movement setting in later over the Spanish Peninsula. North-Easterly current increasing greatly in force over the Gulf of Finland and the upper portion of the Baltic, and blowing a strong gale at Wisby.

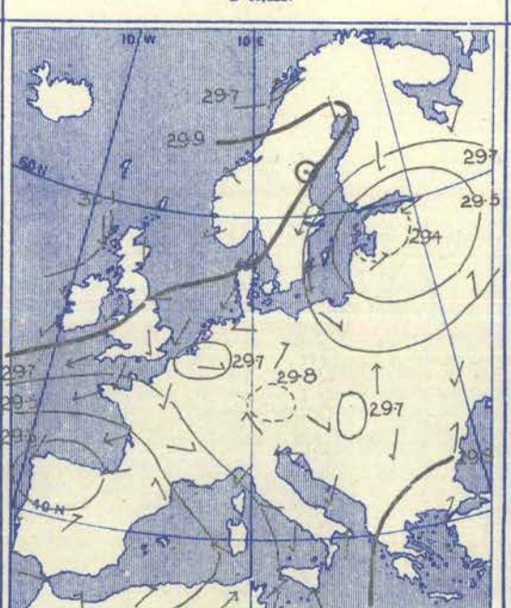
BAROMETER in morning above 30·1 ins. off our north-west coasts and decreasing to 29·48 ins. at Lisbon and its vicinity, and also over the Gulf of Genoa, and to below 29·4 ins. in two minima situated over the central countries. Barometer falling to below 29·3 ins. over the south-west of the Iberian Peninsula later, and to below 29·2 ins. in Courland. Gradients growing steep in the latter region. Depression over the Gulf of Genoa nearly disappearing.

Monday, 26th March, 1906.

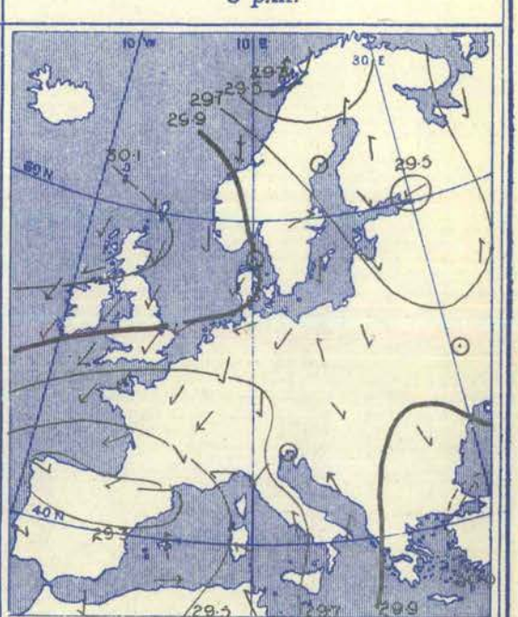
Temperature and Weather 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fair or fine in Ireland, various parts of England, and over the south of Europe. Cloudy or dull generally elsewhere, with passing snow showers at a few stations in Great Britain, rain in the south of France, at Bilbao, and Lisbon, and snow in the Low Countries, the west of Russia, and at Bodö. Heavy rain experienced later in the south and south-west of France and also in the northern half of Italy, at Trieste, and at some stations in Algeria and Tunis. Snow showers becoming general over Great Britain.

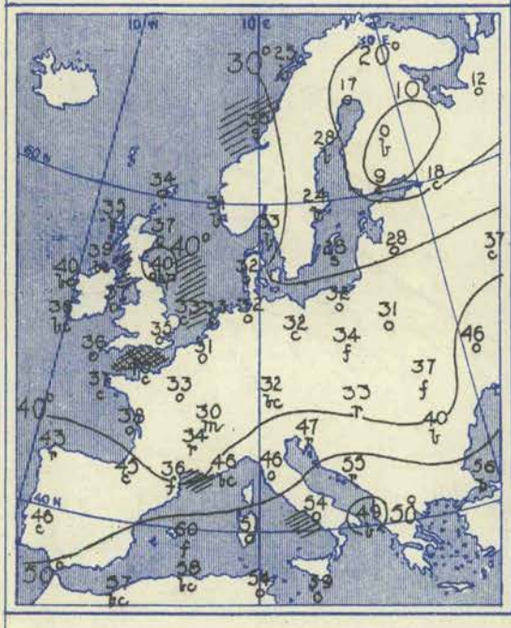
TEMPERATURE risen in the extreme north of our area and on the shores of the Mediterranean, fallen generally elsewhere. Readings in morning as high as 64° at Algiers, 59° at Malta, and 56° at Constantinople; below 40° over our area as a whole, and below 32° in many regions. Lowest values, 19° at Karlstad, 13° at Archangel, and 5° at Uleaborg. Maxima less than 40° over the south-east of England and less than 50° in France and the north of Italy. Above 60° in the south of Italy and in several other parts of the Mediterranean region, and as high as 70° at Palma and 75° at Tunis.

WIND at 8 a.m. moderate to fresh or strong from the North-Eastward over the United Kingdom, most of France, and the Bay of Biscay; several cyclonic circulations shown over the Continent, the chief being over the Spanish Peninsula and Russia. A Northerly gale prevailing over the northern part of the Baltic. Latter subsiding during day, but a Northerly gale setting in on the north-west coast of Norway. Some increase in force taking place over the Bay of Biscay, but little general change.

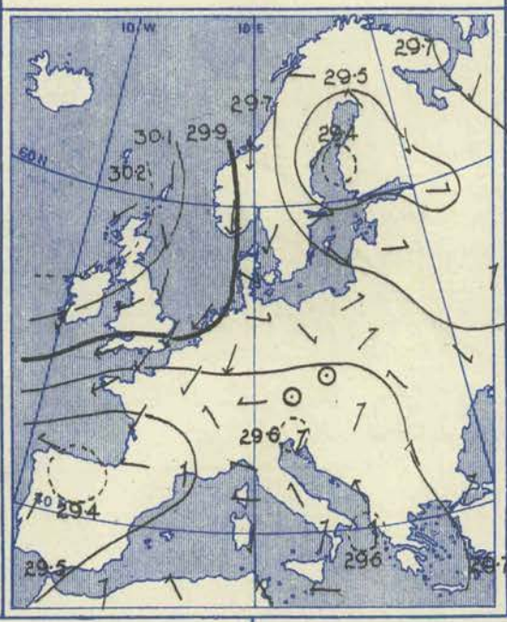
BAROMETER in morning ranging from 30·12 ins. at Stornoway and 29·96 ins. at Constantinople to less than 29·7 ins. in Finmark and over the Low Countries, to less than 29·4 ins. in the Baltic Provinces of Russia, and to below 29·3 ins. in a depression over the north of Spain. Pressure decreasing decidedly over Finmark and the north of Sweden later, and increasing over our Islands and their neighbourhood. Low pressure system in the Netherlands disappearing, and that over Spain extending eastwards.

Tuesday, 27th March, 1906.

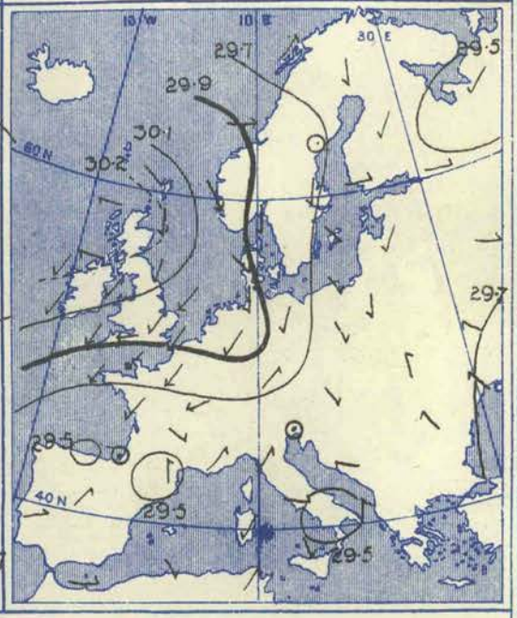
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. varying a good deal; cloudy or overcast in most places, but fine and bright in some regions. Rain falling at Corunna and Buda-Pesth, and snow at Christiansund, Wisby, and Neu-Fahrwasser. Rather heavy rain experienced later in the south and south-west of France, and also at San Fernando, Brindisi, and Palermo, and as much as 3·7 ins. reported at Vienna.

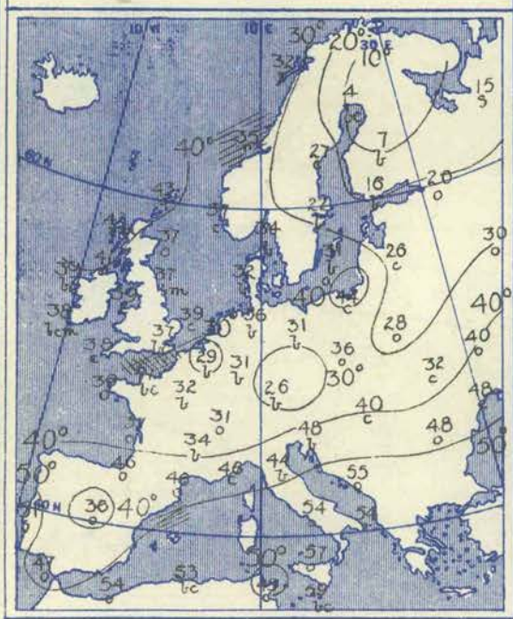
TEMPERATURE risen in most localities, fallen in Algeria and round about the Gulf of Finland. Readings in morning below 40° over the major portion of our area, and decreasing to below 20° in the north and north-east of Europe, and to zero at Knopio. Above 50° in the extreme south and as high as 59° and 60° respectively at Malta and Palma. Maxima during day 72° at La Calle and Nemours, 69° at Palermo, and above 60° in many other southern regions. Thermometer not touching 50° in central Europe, the north of France, and the United Kingdom, and remaining below 32° in the extreme north and north-east of our area.

WIND at 8 a.m. strong to a gale from the Northward on the west coast of Norway and light to fresh or strong from the North-Eastward over our Islands and France. Complete cyclonic circulations shown over Spain and Scandinavia. Wind backing to West or South-West in the north-west of Norway by evening and blowing strongly.

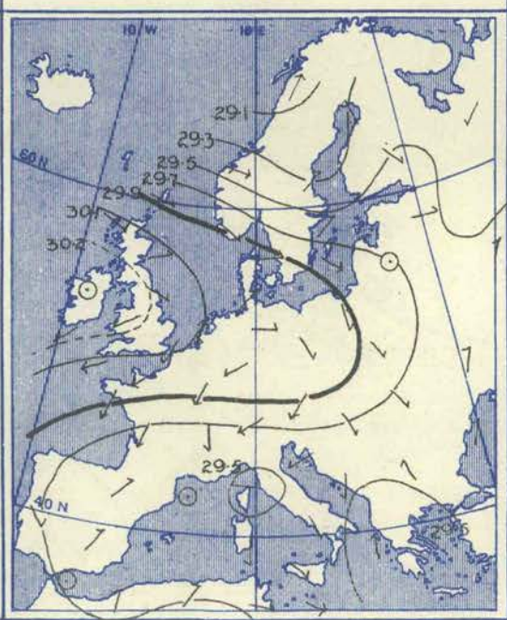
BAROMETER in morning above 30·2 ins. in the north-west of Scotland and over the adjacent part of the ocean; relatively low over Italy, the Spanish Peninsula, and Sweden, the lowest readings being 29·4 ins. at Corunna and 29·36 ins. at Hernösand, Low pressure systems moving eastwards later, but another disturbance approaching the north-west of Norway. Barometer rising slowly over England, Germany, and France, but scarcely changing in Ireland and Scotland, and beginning to fall in the Shetlands.

Wednesday, 28th March, 1906.

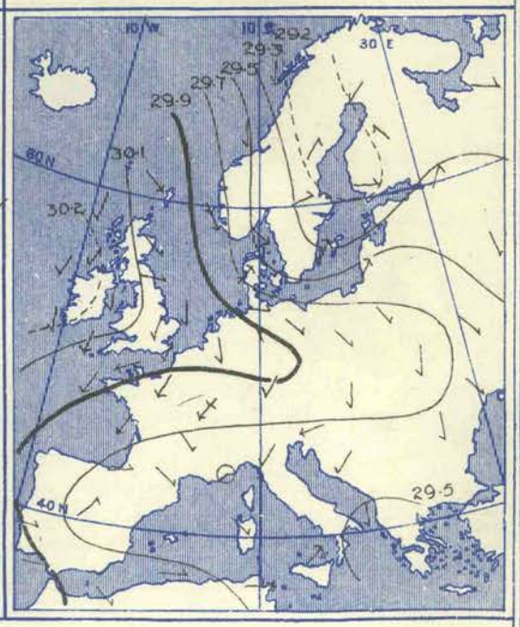
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fair or fine in most regions, but overcast in Scotland and in the northern parts of Scandinavia, with rain at Stornoway and Christiansund and snow at Bodö. Rain also reported from Brindisi. Heavy rain falling later in the south of France, at Rome, and Hermanstadt, and smaller amounts on the coast of Algeria. Day very bright in most parts of these Islands.

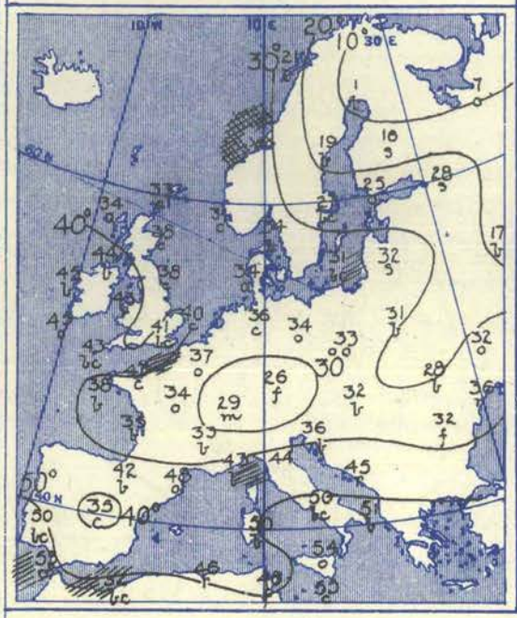
TEMPERATURE changed irregularly. Readings in morning, 61° at Sfax, 58° at Malta, and about 50° at several other southern stations. Below 40° over our area as a whole and much below the freezing point in the north-east. Lowest values, 15° at Archangel, 7° at Uleaborg, and 4° at Haparanda. Severe frost continuing in the latter regions all day, and thermometer not rising above 40° at many stations in the centre of Europe. Maximum as high as 56°, locally, at Leith, but not much above 45° over our Islands generally. Temperature exceeding 60° over the Mediterranean region.

WIND in morning anticyclonic over the United Kingdom and its vicinity, the North-Easterly current blowing freshly or strongly over the English Channel. Moderate to strong winds between North-West and South-West prevailing over Scandinavia, with a gale at Christiansund, and a light or moderate cyclonic circulation over the Mediterranean. A fresh South-Westerly gale setting in at Fanö by evening, and wind veering to North in Norway and blowing a gale at Skudesnaes.

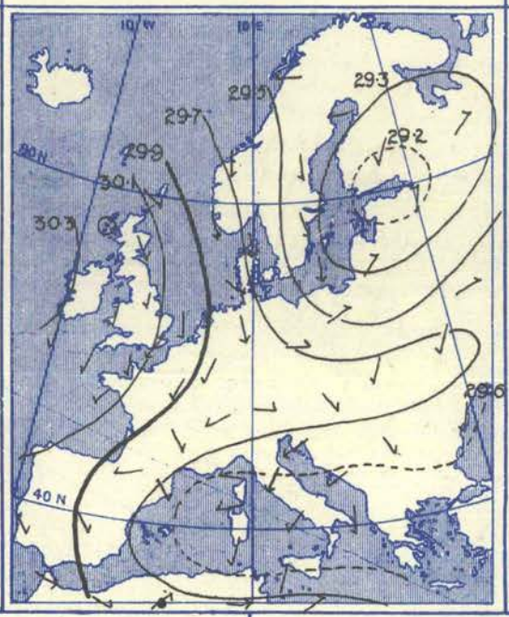
BAROMETER at 8 a.m. above 30·2 ins. over Ireland and the west of Great Britain and decreasing to below 29·5 ins. in a depression off the south of France, and also in the south-east of our area, and to less than 29·1 ins. in another system off the north-west of Norway. Latter disturbance travelling south-eastwards later and gradients becoming rather steep for Northerly winds over Norway. Pressure increasing steadily over the Spanish Peninsula and the west of France.

Thursday, 29th March, 1906.

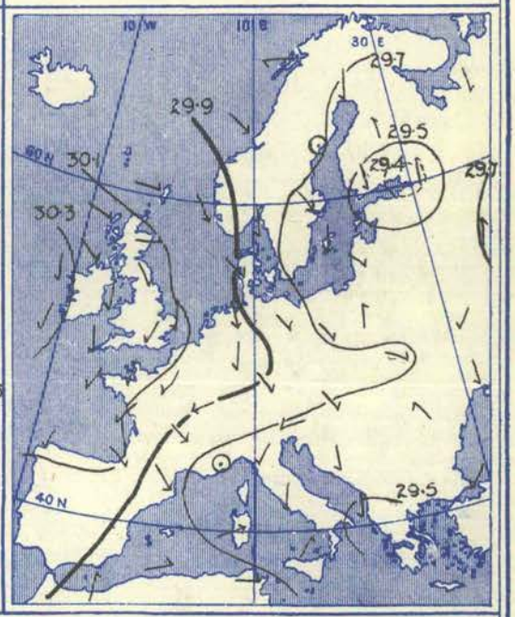
Temperature and Weather. — **8 a.m.**



Barometer and Wind. — **8 a.m.**



Barometer and Wind. — **6 p.m.**



WEATHER at 8 a.m. fine and bright in Sweden and Denmark and in a few other regions, but mostly very cloudy or quite overcast. Snow falling at Christiansund and in the north-east of our area, and rain at Algiers, Rome, Lésina, and in the south of Russia. Nearly an inch of rain experienced later at Cette and considerable amounts at some other stations in the south of Europe and in Algeria.

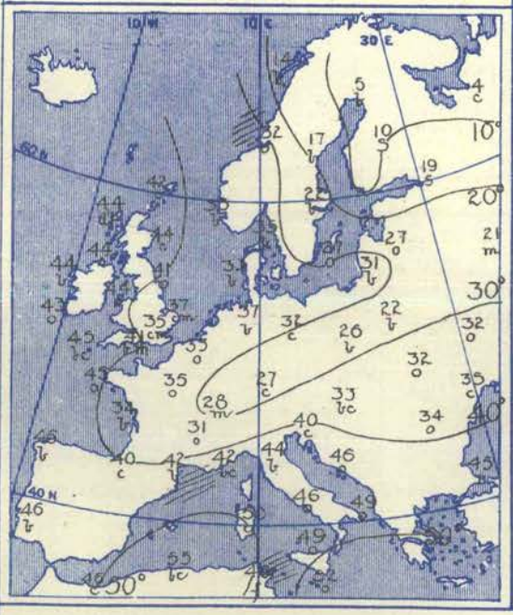
TEMPERATURE fallen in most regions, but risen in England, Ireland, and Finland. Readings at 8 a.m. below 50° except at a few places in the Mediterranean and the south of Spain and below the freezing point over the major portion of the Continent. Thermometer below 20° in the north-east generally and as low as 1° at Haparanda. Rising later to 66° at Sfax and to about 60° in some other extreme southern localities. Maxima about 50° at several of our own stations and in the west of France, but less than 40° in most parts of Germany.

WIND in morning strong from the Northward on the west coast of Norway and light or moderate from the same quarter over the United Kingdom and the nearer parts of the Continent. Cyclonic circulations shown over the Mediterranean and northern Europe. Backing somewhat in Scotland and Norway by evening, but scarcely any other change of importance.

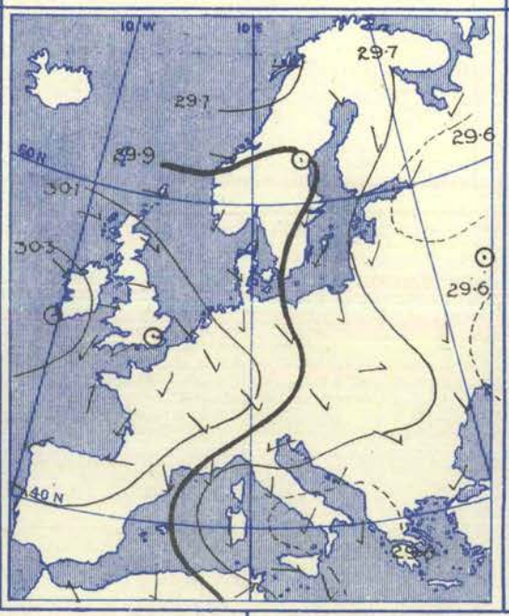
BAROMETER in morning above 30·3 ins. off the west of Ireland, and decreasing thence to less than 29·6 ins. over a good part of the Mediterranean and southern Europe, and to less than 29·2 ins. over the Gulf of Finland. Northern low pressure system becoming much less deep later, but little change taking place in the south. Pressure decreasing slowly in the north of Scotland and increasing steadily over the Bay of Biscay, France, the south of our Islands, and Germany.

Friday, 30th March, 1906.

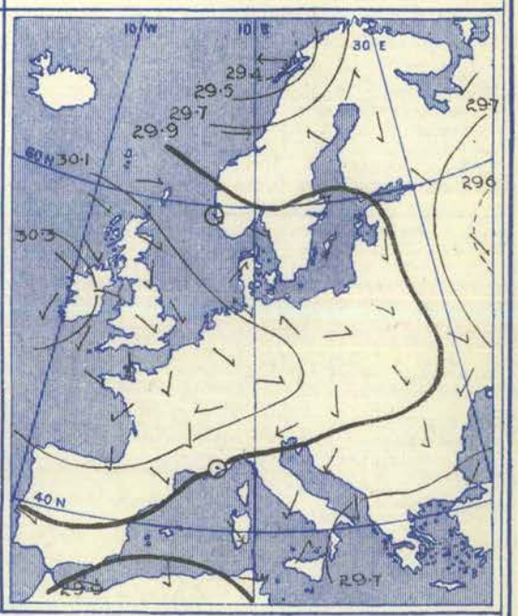
Temperature and Weather. — **8 a.m.**



Barometer and Wind. — **8 a.m.**



Barometer and Wind. — **6 p.m.**



WEATHER at 8 a.m. fair or fine in most regions, but a good deal of cloud prevalent in some localities, some fog in central England, showers at Stornoway, and snow at Cracow and in Finland. Slight rain experienced later in Sardinia and Sicily, and rain or snow at a few northern stations.

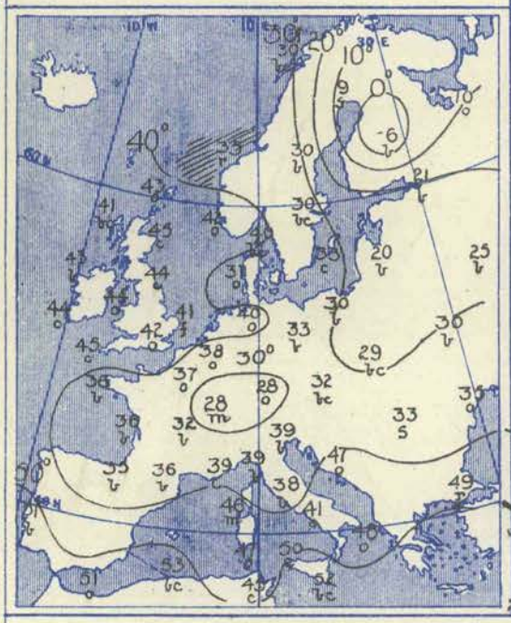
TEMPERATURE fallen generally, risen in Scotland and at some Algerian stations. Readings at 8 a.m. ranging from 55° at Algiers to below 32° over the greater part of Europe and to below 10° in the extreme north-east. Lowest values 5° at Haparanda and 4° at Archangel. Rising later to 60° or a little higher at a few stations in the far south and to above 50° on the west and south coasts of France and in some parts of these Islands. Thermometer remaining below 40° in central Europe, and below the freezing point in the north-east and north.

WIND in morning showing various cyclonic circulations over the western half of our area and a vast anticyclonic circulation over the western countries. Moderate to strong in force on some shores of the Mediterranean and the Baltic, light generally. Little change later.

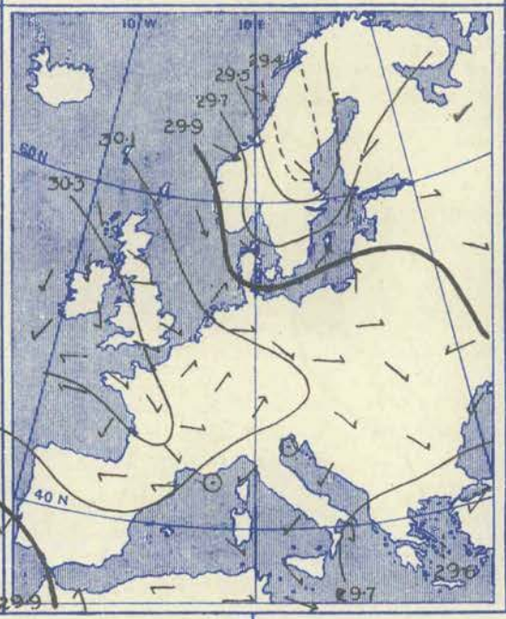
BAROMETER in morning 30·2 ins. to 30·3 ins. and upwards in an anticyclone extending from the Atlantic and embracing the greater part of the United Kingdom and France. Relatively low in depressions over the east and south-east of our area and in another system off the north-west of Norway. Lowest reading 29·32 ins. at Kharkoff. Barometer becoming lowest, 29·39 ins., in the latter region by evening; a general increase of pressure taking place over the eastern half of Europe.

Saturday, 31st March, 1906.

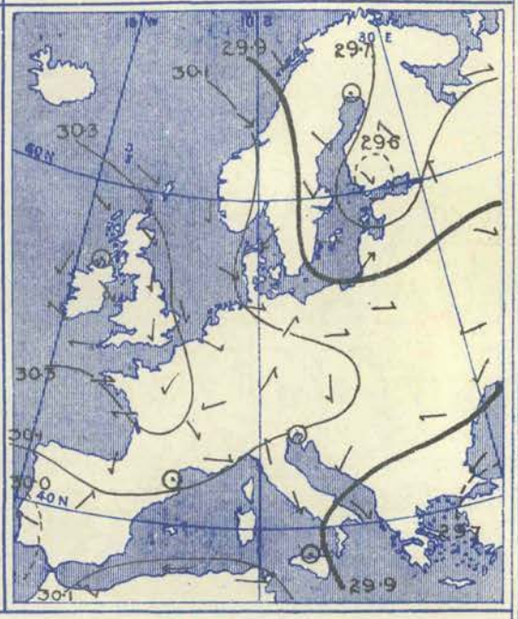
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine and bright in many parts of southern, central, and eastern Europe; cloudy or overcast as a whole elsewhere, with rain at Constantinople, and snow at Hermanstadt, and at some stations in Scandinavia. Snow, sleet, or rain falling during day at various places in Germany and Finland, but weather very dry generally.

TEMPERATURE in morning showing a rise in most northern and a fall in many southern regions. Readings about 50° at a few stations in the extreme south, but below 40° over Continental Europe generally, and below the freezing point in most places; lowest values, 4° at Helsingfors and −6° at Kuopio. Severe frost continuing all day in the north-east of our area, but thermometer rising to 50° and above in nearly all parts of our Islands and France, and to slightly above 60° in Spain and Algeria. Maximum at Naples only 45°.

WIND in morning showing a vast anticyclonic circulation of light breezes over the western and central countries and a cyclonic movement of moderate to strong breezes over Scandinavia. No important change during day.

BAROMETER at 8 a.m. above 30·3 ins. in the central part of an anticyclone extending from the Atlantic across Ireland, the west of Great Britain, and the north of France. Below 29·9 ins. over the south of Spain and Morocco, less than 29·6 ins. to the southward of Constantinople, and less than 29·4 ins. in an elongated depression over the north of Scandinavia. Little change in the general distribution later, but northern depression undergoing much modification in form, decreasing in depth, and moving south-eastwards to the Gulf of Finland.

IV.—BRIGHT SUNSHINE Values for the Week, in addition to those found on page 74.

	STATIONS.	No. of Hours recorded.	Difference from the Mean for the Week.	Percentage of Possible Duration	Difference from the Mean for the Week.
1.	Crathes	22·7	—	26	—
	Balruddery	37·9	—	43	—
2.	Saltburn-by-the-Sea	17·1	—	19	—
3.	Cromer	12·9	—	15	—
	Dunmow	15·5	—	18	—
	London, Bunhill Row	15·4	− 4·6	18	− 5
4.	Sheffield	15·4	—	18	—
5.	Margate	24·5	− 6·5	28	− 7
	Ramsgate	29·4	—	33	—
	Eastbourne	38·9	+ 4·3	44	+ 5
	Brighton	41·7	+ 7·8	47	+ 9
	Worthing	44·0	—	50	—
	Bognor	43·9	—	50	—
	Veutnor Hospital	41·9	+ 5·9	48	+ 7
7.	Southport	41·4	—	47	—
	Rhyl	26·5	—	30	—
	Aberdovey	33·4	—	38	—
8.	Aberystwyth	37·7	—	43	—
	Tenby	48·8	+ 13·1	56	+ 15
	Torquay				
	Newquay				

V.—OBSERVATIONS IN THE UPPER AIR.—Temperature, Humidity and Wind Velocity.

Date of Observation.	Station and its Height above M.S.L.		Heights in feet above Mean Sea Level. Ground Level.	1,660.	3,320.	5,000.	6,660.	8,320.	10,000.	Remarks.
1906. March 27th, 11.30 a.m. to 1.0 p.m.	Oxshott, 200 ft.	Temperature F.	36°	28°	22°	24°				One kite. Wire 6,000 ft. Cloud level variable but over 4,000 ft. Inversion at 3,600 ft. Wind uncertain and squally.
		Humidity	80	60	100	?				
		Wind Velocity, m. per hr.	NE, 25	NE, 30	NE, 25	NE, 45				
March 28th, 10.20 a.m. to 1.20 p.m.	Oxshott, 200 ft.	Temperature F.	45°	38°	30°	30°				Two kites. Wire 7,950 ft. Lowest temp. 28° at 3,700 ft. The kites broke away owing to defective join in wire.
		Humidity	60	70	70	25				
		Wind Velocity, m. per hr.	NE by E, 15	NE, 20	25	NE, 20				
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								
March 29th, 3.0 p.m. to 5.0 p.m.	Oxshott, 200 ft.	Temperature F.	45°	38°	32°	24°	[25°]			Two kites. Wire 8,200 ft. Max. height 6,200 ft. Inversion. Lowest temp. 22° at 5,800 ft. Convection currents very noticeable. Cloud level about 5,000 ft.
		Humidity	50	55	80	100°	[50]			
		Wind Velocity, m. per hr.	N by E, 12	— 20	NNW, 20	NNW, 25	[NNW, 30]			
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								

63, Victoria Street, London, S.W.
April 4th, 1906.

W. N. SHAW,
Director.

ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE,

AND PUBLISHED FOR H.M. STATIONERY OFFICE BY WYMAN AND SONS, LTD., FETTER LANE, E.C., AND 32, ABINGDON STREET, WESTMINSTER, S.W.; OR OLIVER AND BOYD, EDINBURGH; OR E. PONSONBY, 116, GRAFTON STREET, DUBLIN.

TWENTY-NINTH YEAR. Vol. XXIII. (New Series.) } No. 14. FOURTEENTH WEEK, ENDING SATURDAY, APRIL 7TH, 1906. [Price 6d. Annual Subscription post paid £1 10s. 0d.

I.—GENERAL REMARKS.

Weather.—The general character of the weather was fine and bright. About the middle of the period it was temporarily unsettled, and many localities experienced some rain. Thunder was heard at Llandudno on Sunday afternoon.

Temperature was above the mean in all districts except England E. and Ireland S., the excess being slight generally, but amounting to more than 2° in Scotland. The highest of the maxima occurred mainly late in the week, and ranged from 65° or 64° in most of the English districts and also in Scotland E. to 59° in Scotland N. The lowest of the minima were recorded on rather variable days, and were below the freezing point in all districts except the Channel Islands. In Scotland E. the thermometer fell to 23°, in England S.W. to 25°, and in the Midland Counties and England N.E. to 26°.

Rainfall was very slight over Great Britain, especially in the north and east where there were several stations without a measurable quantity. In the west and south of Ireland a heavy fall, which was experienced on the 4th, brought the total for the week nearly up to the average.

Bright Sunshine was very abundant, the percentage of the possible duration ranging from 64 in England E., 62 in the Channel Islands, and 61 in England S. to 43 in Ireland N. and to 36 in Scotland N.

Barometer and Wind.—The United Kingdom and its neighbourhood were mostly under the anticyclonic influence, one large system travelling slowly eastwards from the Atlantic to the Continent during the earlier half of the period, and another extending eastwards from the same region on Friday and Saturday. As the first high pressure system passed away it was quickly followed by a large, but not very deep, cyclonic disturbance, which on Thursday morning showed two minima, one off the north-west of Scotland and the other over the St. George's Channel. The latter subsequently partially dispersed and apparently moved south-eastwards to France, while the former travelled away north-eastwards. The wind varied a good deal in direction, but was mainly from between East and North over the southern half of the Kingdom, and from some Southerly point in the north. It blew very strongly from South on some parts of the west coast on Wednesday, but was light or moderate as a whole.

SUMMARY OF TEMPERATURE, RAINFALL, AND DURATION OF BRIGHT SUNSHINE IN THE UNITED KINGDOM, FOR AGRICULTURAL AND SANITARY PURPOSES.

THE WEEK (14th)—April 1st to April 7th, 1906.

DISTRICTS. (See p. 80.)	Temperature. Highest.	Lowest.	Means of: Daily Max.	Daily Min.	Daily Mean.	Difference from Av. (35 Yrs.)	Accumulated Number of Day-Degrees. Above 42°	Difference from Av. (25 Yrs.)	Below 42°	Difference from Av. (25 Yrs.)	Rainfall. Number of Rain-Days.	Diff. from Av. (35 Yrs.)	Total Fall.	Difference from Average (35 Yrs.)	Sunshine. Hours recorded.	Diff. from Av. (25 Yrs.)	Percentage of Possible Duration.	Diff. from Av. (25 Yrs.)
	°	°	°	°	°	°	Day-deg.	Day-deg.	Day-deg	Day-deg.			Inches.	Inches.			%	%
0. SCOTLAND, NORTH ..	59	28	51·4	37·2	43·9	+ 2·5	33	+15	13	− 10	2	− 2	0·17	−0·62	34	+ 5	36	+ 5
Eastern 1. SCOTLAND, EAST ..	64	23	54·3	34·5	44·0	+ 2·3	46	+23	21	− 3	1	− 3	0·06	−0·42	42	+12	45	+13
Eastern 2. ENGLAND, N.E. ..	64	26	53·5	35·2	43·9	+ 0·7	42	+17	19	0	1	− 2	0·06	−0·33	48	+12	52	+13
Eastern 3. ENGLAND, EAST ..	63	27	52·1	35·9	43·6	− 0·9	37	+ 4	17	− 2	0	− 3	0·00	−0·36	58	+23	64	+26
Eastern 4. MIDLAND COUNTIES	65	26	56·1	35·5	45·3	+ 1·4	50	+16	18	− 2	1	− 2	0·05	−0·37	45	+19	49	+21
Eastern 5. ENGLAND, SOUTH ..	65	28	53·9	37·4	45·3	+ 0·3	42	+ 8	13	0	1	− 2	0·10	−0·31	56	+21	61	+23
Western 6. SCOTLAND, WEST ..	62	28	55·1	36·6	45·4	+ 2·0	46	+21	15	− 1	1	− 3	0·12	−0·60	42	+10	45	+11
Western 7. ENGLAND, N.W. ..	64	27	55·3	37·4	46·0	+ 1·9	47	+20	13	− 1	1	− 2	0·01	−0·46	45	+16	49	+18
Western 8. ENGLAND, S.W. ..	64	25	54·1	37·9	45·6	+ 0·7	42	+ 9	11	+ 2	1	− 2	0·11	−0·48	51	+18	56	+20
Western 9. IRELAND, NORTH ..	61	28	52·3	37·3	44·5	+ 0·4	37	+ 8	13	0	3	− 1	0·44	−0·11	40	+10	43	+11
Western 10. IRELAND, SOUTH ..	63	27	53·8	37·2	45·1	− 0·6	42	+ 6	13	+ 4	2	− 2	0·49	−0·16	47	+11	51	+12
11. CHANNEL ISLANDS..	61	35	53·5	42·1	47·5	+ 0·2	39	− 1	0	− 3	2	− 2	0·18	−0·34	56	+17	62	+19

THE SEASON (**Spring**).—Aggregates, &c., for the Period of 5 Weeks, March 4th to April 7th, 1906.

0. SCOTLAND NORTH ..	59	8	*	*	*	*	61	− 3	164	+ 19	24	+ 2	4·56	−0·04	120	+ 2	28	+ 1
Eastern 1. SCOTLAND, EAST ..	64	11	*	*	*	*	83	− 4	161	+ 7	20	+ 2	2·33	−0·20	150	+17	35	+ 4
Eastern 2. ENGLAND, N.E. ..	64	18	*	*	*	*	111	+13	121	− 3	16	− 1	1·27	−0·65	170	+30	40	+ 7
Eastern 3. ENGLAND, EAST ..	67	24	*	*	*	*	118	−10	109	− 21	16	0	1·23	−0·53	166	+26	39	+ 6
Eastern 4. MIDLAND COUNTIES	66	18	*	*	*	*	139	+ 6	117	− 17	16	0	1·28	−0·78	153	+23	36	+ 6
Eastern 5. ENGLAND, SOUTH ..	66	22	*	*	*	*	115	−18	100	+ 2	18	+ 2	1·57	−0·54	171	+22	40	+ 5
Western 6. SCOTLAND, WEST ..	62	18	*	*	*	*	101	+ 8	106	− 5	14	− 6	3·32	−0·76	162	+30	38	+ 7
Western 7. ENGLAND, N.W. ..	64	16	*	*	*	*	102	− 8	105	+ 5	15	− 3	2·65	+0·08	160	+43	38	+10
Western 8. ENGLAND, S.W. ..	66	19	*	*	*	*	121	−10	95	+ 18	15	− 2	2·37	−0·67	177	+36	42	+ 9
Western 9. IRELAND, NORTH ..	61	20	*	*	*	*	102	−12	96	+ 2	21	− 1	3·03	+0·08	122	− 4	29	− 1
Western 10. IRELAND, SOUTH ..	63	26	*	*	*	*	151	+ 5	60	− 12	17	− 2	2·59	−0·79	146	− 3	35	− 1
11. CHANNEL ISLANDS..	61	31	*	*	*	*	138	−25	36	+ 8	18	− 1	1·59	−1·05	192	+19	45	+ 5

THE YEAR.—Aggregates, &c., for the period of 14 Weeks, December 31st, 1905, to April 7th, 1906.

0. SCOTLAND, NORTH ..	59	8	*	*	*	*	79	−51	505	+ 38	76	+11	17·64	+3·35	223	+12	24	+ 1
Eastern 1. SCOTLAND, EAST ..	64	11	*	*	*	*	120	−48	491	− 28	56	+ 4	7·32	−0·33	313	+52	33	+ 6
Eastern 2. ENGLAND, N.E. ..	64	18	*	*	*	*	167	−15	382	− 49	53	+ 5	5·35	−0·19	325	+49	33	+ 5
Eastern 3. ENGLAND, EAST ..	67	23	*	*	*	*	196	−27	358	−113	57	+ 8	6·83	+1·58	323	+51	33	+ 5
Eastern 4. MIDLAND COUNTIES	66	18	*	*	*	*	218	−23	393	− 86	56	+ 7	7·19	+0·84	295	+49	30	+ 5
Eastern 5. ENGLAND, SOUTH ..	66	20	*	*	*	*	248	− 5	301	− 59	63	+13	9·03	+2·27	347	+61	35	+ 6
Western 6. SCOTLAND, WEST ..	62	14	*	*	*	*	163	−24	340	− 27	59	0	14·21	+1·04	305	+68	32	+ 7
Western 7. ENGLAND, N.W. ..	64	16	*	*	*	*	179	−33	312	− 42	58	+ 5	11·21	+3·16	291	+62	30	+ 6
Western 8. ENGLAND, S.W. ..	66	19	*	*	*	*	273	−13	275	+ 2	62	+ 9	13·95	+3·86	337	+63	34	+ 6
Western 9. IRELAND, NORTH ..	61	20	*	*	*	*	200	−41	302	− 16	76	+12	11·70	+2·39	271	+26	28	+ 3
Western 10. IRELAND, SOUTH ..	63	24	*	*	*	*	339	+ 4	222	− 18	69	+11	11·36	−0·03	297	+ 4	30	0
11. CHANNEL ISLANDS..	61	27	*	*	*	*	378	−12	79	− 31	72	+13	10·22	+1·24	376	+38	37	+ 4

Bright Sunshine.—For certain of the Districts the values of Bright Sunshine in this Table are based on the records from a part only of the Stations included in the Tables under II. and IV. For certain of the Stations Mean Values are not available, and for the Districts containing these Stations the "Difference from Average" is based on the records from a smaller number of Stations than those supplying the values for "Hours Recorded."

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II.—DATA from which the SUMMARY on page 79 has been calculated.

April 1-7, 1906.		Temperature. In Degrees Fahrenheit.								Rainfall.			Bright Sunshine.			
				Averages for the Week.			Difference of Daily Average from Mean for the Week.	Accumulated Heat for the Week (in Day-degrees).								
Districts.	Names of Stations.	Highest observed.	Lowest observed.	Of Highest each day.	Of Lowest each day.	For whole of each day.		Above 42°	Below 42°	Number of Rain-Days.	Rainfall in the Week.	Difference from the Mean for the Week.	Number of Hours recorded.	Difference from the Mean for the Week.	Percentage of possible duration.	Difference from the Mean for the Week.
		°	°	°	°	°	°	Day-deg	Day-deg		Inches.	Inches.	Hrs.	Hrs.	%	%
0. SCOTLAND, N.	†Sumburgh Head (Deerness)	49	36	46·9	40·3	43·4	+ 3·3	17	5	3	0·18	- 0·37	39·5	+ 8·8	43	+ 10
	Wick	55	33	51·7	38·0	44·5	+ 3·0	34	11	1	0·18	- 0·25	*	*	*	*
	†Lairg (Strathpeffer)	57	32	54·4	35·5	44·5	+ 4·3	45	18	3	0·08	- 0·53	32·4	+ 3·8	35	+ 4
	Stornoway	51	32	49·9	38·4	43·9	+ 2·2	28	10	2	0·14	- 0·60	30·9	- 1·2	33	- 1
	Glencarron	59	30	49·5	36·8	42·9	+ 2·0	28	15	3	0·43	- 0·98	*	*	*	*
	Fort Augustus	58	28	54·0	35·0	44·0	+ 1·6	43	20	1	0·02	- 0·61	31·2	+ 7·4	34	+ 8
	Fort William	58	30	53·1	36·5	44·4	+ 1·3	40	15	3	0·16	- 1·01	*	*	*	*
1. SCOTLAND, E.	Nairn	58	29	55·0	35·7	44·9	+ 2·6	47	18	1	0·02	- 0·32	*	*	*	*
	Aberdeen	61	31	51·6	38·0	44·5	+ 2·3	34	11	1	0·03	- 0·47	46·4	+ 13·6	50	+ 15
	Balmoral	54	23	50·8	29·8	39·8	+ 1·0	25	45	1	0·06	- 0·49	*	*	*	*
	Clathick	61	25	56·9	32·5	44·1	+ 1·3	55	27	0	0·00	- 0·59	*	*	*	*
	†Leith (Edinburgh)	64	30	56·9	37·4	46·7	+ 4·2	52	13	1	0·05	- 0·29	32·4	+ 6·5	35	+ 7
	Marchmont	60	28	54·6	33·7	43·7	+ 2·3	47	23	1	0·17	- 0·37	44·7	+ 15·0	49	+ 16
2. ENGLAND, N.E. — Northern part.	†Alnwick Castle (Cockle Park)	64	28	52·9	33·1	42·5	+ 0·6	41	25	2	0·11	- 0·39	42·7	—	46	—
	†Shields (Newcastle)	63	30	51·4	34·6	42·6	0·0	35	21	1	0·02	- 0·35	27·6	+ 4·1	30	+ 5
	Durham	64	26	54·5	32·6	43·0	+ 0·6	46	26	1	0·07	- 0·35	45·0	+ 16·0	49	+ 17
	Scarborough	62	37	51·9	38·9	45·1	+ 2·0	35	9	1	0·02	- 0·38	46·2	—	50	—
	York	63	30	56·7	34·8	45·2	+ 1·4	53	20	0	0·00	- 0·36	36·2	+ 7·5	40	+ 8
2. ENGLAND, N.E. — Southern part.	†Spurn Head (Skegness)	51	34	47·6	33·4	42·8	- 0·3	21	10	0	0·00	- 0·30	59·3	—	65	—
	Lincoln	60	32	56·5	34·5	45·0	+ 0·4	53	21	2	0·13	- 0·22	*	*	*	*
	†Fulbeck (Rauceby)	61	32	56·3	34·7	45·0	+ 1·1	52	20	2	0·09	- 0·28	54·0	—	59	—
3. ENGLAND, E. — Northern part.	Hillington	62	29	55·6	33·6	44·1	0·0	50	24	0	0·00	- 0·40	54·7	+ 22·5	60	+ 25
	†Yarmouth (Lowestoft)	49	37	46·7	39·7	43·0	0·0	17	6	1	0·01	- 0·37	69·6	—	77	—
	Geldeston	58	28	53·2	34·1	43·2	- 0·7	42	22	1	0·01	- 0·34	63·8	+ 29·3	70	+ 32
3. ENGLAND, E. — Southern part.	Cambridge	63	27	55·6	33·5	44·0	- 0·7	50	24	0	0·00	- 0·33	52·7	+ 18·8	58	+ 21
	Felixstowe	51	33	48·7	37·8	43·0	- 1·4	25	12	0	0·00	—	60·1	—	66	—
	Clacton-on-Sea	52	35	47·9	38·6	43·0	- 2·7	21	10	0	0·00	—	61·4	—	68	—
	Rothamsted	61	29	55·6	32·1	43·3	- 0·5	51	28	0	0·00	- 0·42	53·3	+ 21·4	59	+ 23
	†Shoeburyness (Southend)	54	32	49·9	35·0	42·1	- 3·2	30	20	0	0·00	- 0·29	58·5	—	64	—
	London, Westminster	60	37	55·3	38·9	46·7	+ 1·0	46	9	0	0·00	—	47·5	+ 25·0	52	+ 28
4. MIDLAND COUNTIES. — Eastern part.	Harrogate	62	28	54·9	33·1	48·5	+ 1·2	48	25	1	0·01	- 0·48	43·0	—	47	—
	†Bawtry (Worksop)	63	—	58·0	—	—	—	—	—	0	0·00	- 0·37	46·2	+ 22·3	51	+ 25
	Nottingham	60	26	55·9	33·6	44·2	- 0·1	51	24	1	0·03	- 0·34	46·4	—	51	—
	†Colly Weston (Oundle)												53·6	—	59	—
	Birmingham, Edgbaston	61	34	54·1	38·1	45·7	+ 1·9	42	11	0	0·00	- 0·41	32·2	—	35	—
	Oxford	62	32	57·3	36·1	46·2	+ 1·4	54	17	0	0·00	- 0·35	44·4	+ 12·6	49	+ 14
4. MIDLAND COUNTIES. — Western part.	Cheadle	60	33	55·7	36·6	45·7	+ 3·0	49	15	0	0·00	- 0·49	*	*	*	*
	Shrewsbury	65	29	58·5	34·7	46·0	+ 1·6	59	20	0	0·00	—	*	*	*	*
	Hereford	63	29	56·7	34·5	45·1	+ 0·5	53	21	0	0·00	- 0·39	*	*	*	*
	Cirencester	60	29	56·0	35·2	45·1	+ 1·6	50	19	1	0·13	- 0·32	54·1	+ 21·2	60	+ 23
	Bath	61	32	55·9	37·7	46·4	+ 1·1	49	12	1	0·30	- 0·18	52·1	—	57	—
5. ENGLAND, S.	†London, Brixton (Kew)	65	33	58·9	36·3	47·1	+ 1·2	60	16	0	0·00	- 0·38	51·6	+ 21·1	57	+ 23
	Wisley, Surrey	61	28	56·1	35·0	45·1	+ 0·2	51	20	0	0·00	—	56·6	—	62	—
	Swarraton	61	30	55·3	34·8	44·6	+ 1·1	48	20	1	0·30	- 0·15	*	*	*	*
	Tunbridge Wells	59	31	54·6	34·4	44·0	- 0·4	46	21	0	0·00	- 0·44	61·8	+ 28·0	68	+ 31
	†Dungeness (Littlestone)	52	33	49·7	38·4	43·8	- 0·7	28	10	1	0·04	- 0·28	58·1	—	64	—
	Hastings	58	37	52·2	39·6	45·6	+ 0·6	35	7	0	0·00	- 0·42	63·1	+ 26·2	69	+ 29
	Southampton	62	35	55·7	39·3	47·1	+ 0·9	47	8	1	0·41	- 0·05	57·2	+ 22·1	63	+ 24
	†Portland Bill (Bournemouth)	55	38	49·0	41·6	45·1	- 0·9	23	1	1	0·07	—	57·1	—	63	—
6. SCOTLAND, W.	Laudale, Loch Sunart	56	32	54·4	37·3	45·4	+ 1·6	44	13	3	0·52	- 0·63	*	*	*	*
	Glasgow	56	34	53·7	38·5	45·7	+ 3·2	41	10	0	0·00	- 0·52	30·1	+ 4·5	33	+ 5
	Dumfries	62	29	58·5	35·6	46·5	+ 3·1	58	18	1	0·01	- 0·62	*	*	*	*
	Cally	59	28	55·4	35·2	44·8	+ 1·5	48	19	1	0·05	- 0·65	*	*	*	*
	Douglas, Isle of Man	58	31	53·5	36·4	44·5	+ 0·7	41	16	0	0·00	- 0·59	53·1	+ 15·5	58	+ 17
7. ENGLAND, N.W.	Aspatria	59	32	56·5	37·9	46·8	+ 3·6	51	11	1	0·02	- 0·51	47·7	—	52	—
	Newton Rigg	61	27	56·2	33·6	44·4	+ 2·1	52	24	1	0·01	- 0·48	46·9	+ 15·8	51	+ 17
	Stonyhurst	58	32	54·3	38·5	46·0	+ 3·0	43	10	0	0·00	- 0·66	49·7	+ 19·0	55	+ 21
	Blackpool	59	29	55·3	36·8	45·6	+ 1·8	47	15	1	0·02	- 0·43	47·1	+ 15·6	52	+ 17
	Manchester, Prestwich	62	30	56·0	37·1	46·1	+ 2·6	49	14	1	0·02	- 0·49	43·8	+ 18·6	48	+ 20
	†Liverpool Obs. (Hoylake)	59	34	54·1	38·4	45·9	+ 1·3	42	10	0	0·00	- 0·39	36·4	—	40	—
	Hawarden Bridge	61	29	55·9	37·1	46·1	+ 1·1	49	14	0	0·00	- 0·29	*	*	*	*
7. NORTH WALES	Llandudno	62	34	55·6	39·9	47·4	+ 1·8	47	6	1	0·01	- 0·41	41·9	+ 12·9	49	+ 14
	Holyhead	57	36	52·0	40·0	45·7	+ 0·5	34	6	0	0·00	- 0·48	*	*	*	*
	Bettws-y-Coed	64	28	57·4	34·9	45·6	+ 0·9	55	20	0	0·00	—	38·6	—	42	—
8. SOUTH WALES	Llangammarch Wells	62	25	56·3	31·9	43·5	+ 0·4	53	28	1	0·04	—	43·0	—	47	—
	Pembroke	55	34	51·3	39·6	45·2	+ 0·4	32	7	1	0·01	- 0·48	48·8	+ 12·1	54	+ 13
	Cardiff	61	30	55·7	37·3	46·1	+ 0·3	48	13	1	0·16	- 0·44	*	*	*	*
8. ENGLAND, S.W.	Clifton	61	34	56·4	38·4	47·0	+ 1·9	50	10	1	0·15	- 0·38	*	*	*	*
	†Shaftesbury (Marlborough)	60	33	51·6	38·1	44·5	+ 1·2	34	11	1	0·26	- 0·29	45·8	+ 16·3	50	+ 18
	Arlington, N. Devon	59	32	54·7	37·7	45·8	+ 2·4	45	12	1	0·32	- 0·43	*	*	*	*
	Cullompton	64	30	56·4	36·7	46·1	+ 0·2	51	15	1	0·02	- 0·55	49·9	+ 17·5	55	+ 19
	Plymouth	62	36	52·9	39·4	45·8	- 0·8	38	7	0	0·00	- 0·56	57·8	+ 22·1	64	+ 24
	Falmouth	57	36	51·6	41·9	46·5	+ 0·2	32	0	2	0·04	- 0·65	59·1	+ 21·2	65	+ 23
9 IRELAND, N. — Western part.	Malin Head	54	35	51·3	39·0	44·9	+ 0·7	33	8	4	0·31	- 0·15	*	*	*	*
	Edenfel	58	31	54·0	35·3	44·2	+ 1·3	44	19	3	0·44	- 0·15	*	*	*	*
	Blacksod Point	53	37	49·9	41·1	45·3	- 0·2	27	3	2	0·03	+ 0·20	*	*	*	*
	Markree Castle	56	28	52·9	34·4	43·2	- 1·0	40	21	2	0·81	+ 0·20	35·9	+ 5·9	38	+ 6
9 IRELAND, N. — Eastern part.	Armagh	60	31	54·1	36·8	45·0	+ 1·3	43	15	3	0·09	- 0·40	43·0	+ 13·4	47	+ 15
	Donaghadee	61	32	51·6	37·4	44·2	0·0	35	13	1	0·06	- 0·38	*	*	*	*
10. IRELAND, S. — Eastern part.	†Dublin, City (Phœnix Park)	62	35	54·1	38·2	45·8	0·0	43	11	3	0·15	- 0·29	41·3	+ 7·3	45	+ 8
	Kilkenny	63	29	53·4	34·6	43·6	- 1·8	42	21	2	0·63	+ 0·13	*	*	*	*
	Waterford	60	30	53·9	36·0	44·5	- 0·4	43	17	2	0·46	- 0·17	*	*	*	*
10. IRELAND, S. — Western part.	Birr Castle	60	27	54·6	33·1	43·3	- 1·2	46	25	3	0·67	+ 0·16	38·2	+ 6·7	42	+ 7
	Foynes	56	28	54·5	36·5	45·1	- 0·4	45	15	3	0·39	- 0·20	*	*	*	*
	Killarney	61	32	56·2	37·7	46·5	+ 0·1	50	12	2	0·31	- 0·58	*	*	*	*
	Valencia	55	35	52·7	40·3	46·2	- 0·8	37	5	2	0·95	+ 0·04	52·5	+ 18·8	58	+ 21
	†Roches Point (Ballinacurra)	55	37	51·3	40·9	45·9	- 0·5	32	3	1	0·37	- 0·33	55·3	—	61	—
11. ENGLISH CHANNEL	Scilly, St. Mary's	54	42	51·4	42·7	46·8	- 0·7	34	0	3	0·46	- 0·04	49·5	+ 11·5	54	+ 13
	†Jersey, St. Aubins (St. Heliers)	61	35	56·0	41·9	48·6	+ 1·1	47	0	1	0·05	- 0·45	60·1	+ 20·1	66	+ 22
	Guernsey	57	36	53·2	41·8	47·2	+ 0·2	37	1	1	0·03	- 0·53	59·4	+ 18·9	65	+ 21

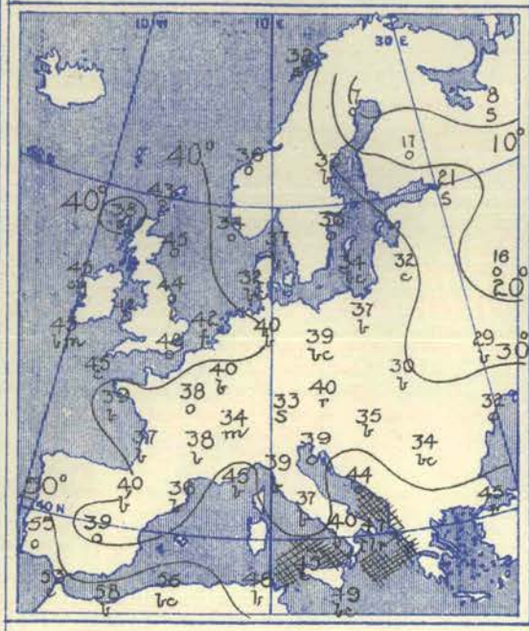
Information for Stations marked ℳ is supplied by the Royal Meteorological Society, and that for Stations marked 𝒮 is supplied by the Scottish Meteorological Society.

* An Asterisk is inserted in all places for which the information is not usually given.

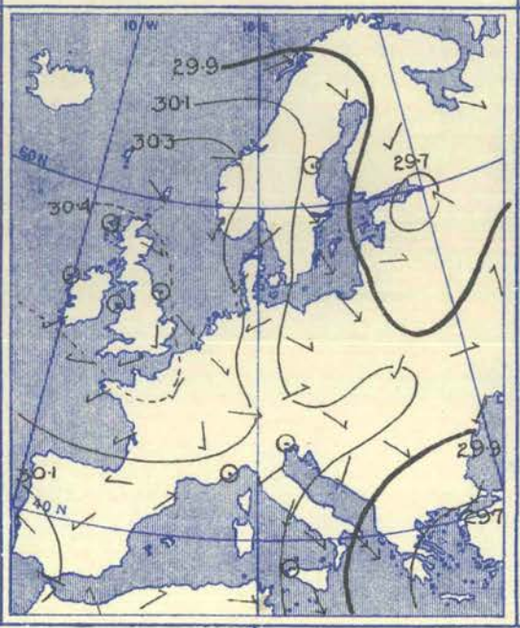
† There is no Sunshine Recorder in use at this Station. The figures entered for Sunshine are those recorded at a neighbouring Station of which the name is given in brackets.

Sunday, 1st April, 1906.

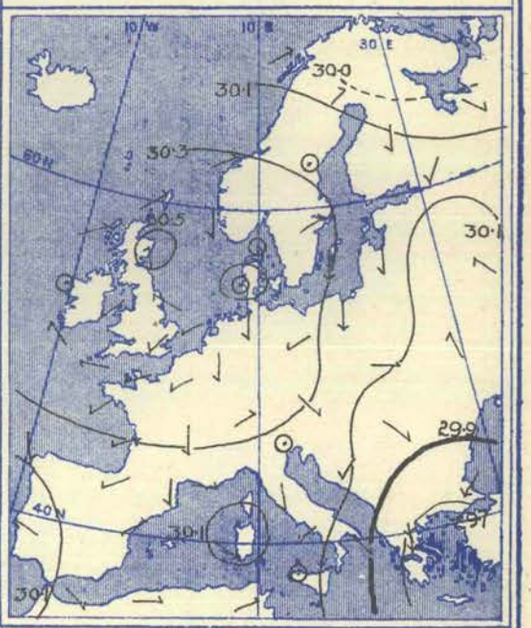
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. cloudy or dull in the extreme south-west of our area, in most parts of the United Kingdom, and also in the central and north-eastern countries of Europe. Fine and bright in most southern regions. Snow falling in the north-west of Norway, on the shores of the Gulf of Finland, and at Archangel, and rain or snow at various stations in Germany and Poland. A thunderstorm prevailing at Brindisi. Scarcely any measurable quantity of precipitation experienced later over the whole of Europe.

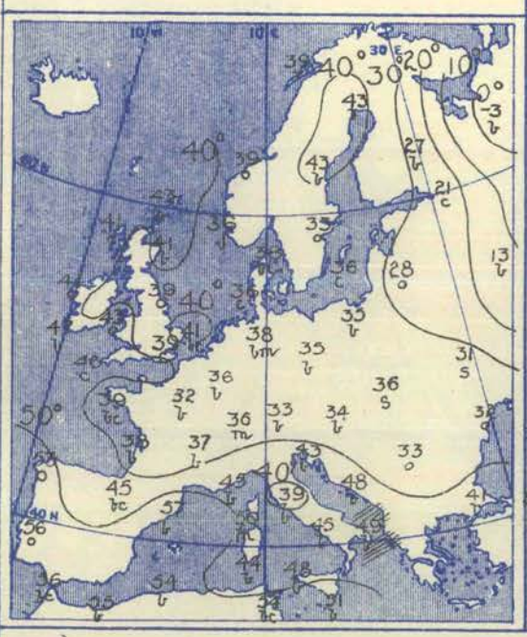
TEMPERATURE risen in most places, rather decidedly at some stations in central and northern Europe. Readings in morning above 50° at a few stations in the far south, but below 40° as a whole, and below 20° in the north-east of our area. Lowest values, 8° at Archangel and 7° at Haparanda. Rising later to a little above 60° in several localities in the region of the Mediterranean and also in the south-west of France, but thermometer not touching 50° over central Europe and in most parts of England.

WIND in morning very light and anticyclonic over all the north-western countries. Cyclonic in the eastern and south-western portions of our area. Of little force generally, but a fresh gale from North-West prevailing at Brindisi. Becoming more generally anticyclonic over the Continent during day; a light South-Easterly breeze appearing in Ireland and gentle South-Westerly airs in the Shetlands and Hebrides.

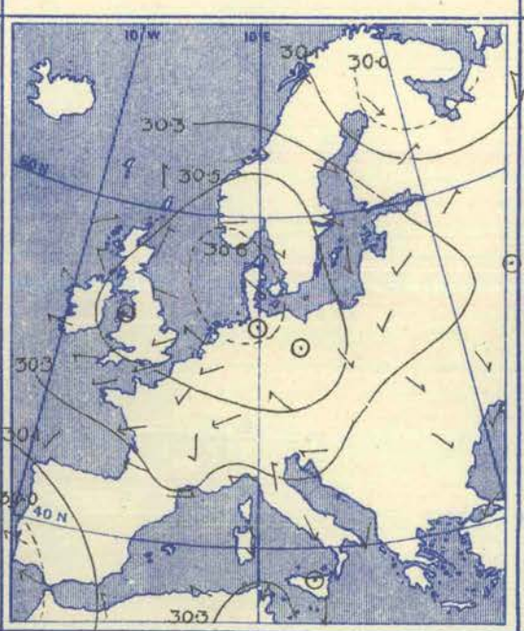
BAROMETER at 8 a.m. ranging from above 30·4 ins. in the central space of an anticyclone extending from the Atlantic and covering the United Kingdom, to less than 30·0 ins. in a depression off the south-west of the Iberian Peninsula, to less than 29·7 ins. over Asia Minor, and also in a disturbance centred over the Gulf of Finland and its vicinity. Latter system entirely disappearing by evening and anticyclone moving eastwards and increasing in intensity. A shallow depression forming over Corsica and Sardinia.

Monday, 2nd April, 1906.

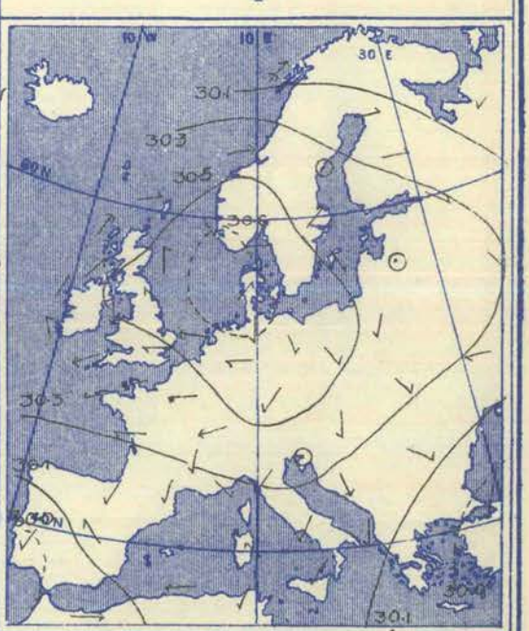
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. cloudy or overcast in many parts of our Islands and in various Continental regions, but fine and bright as a whole, especially in the south. Slight drizzle and fog prevailing at Nottingham, rain at Bodö and Constantinople, and snow at Lemberg and Kieff. Weather fine during day in nearly all districts, but a good deal of cloud in various parts of this country.

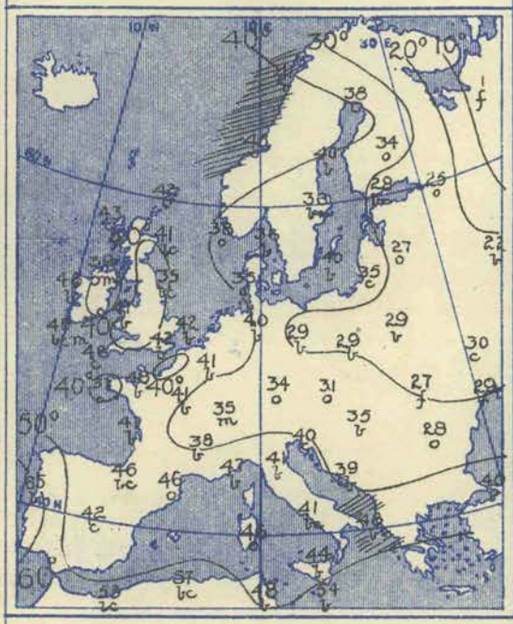
TEMPERATURE risen over Scandinavia and Finland, as much as 36° at Haparanda, fallen in most other regions. Readings in morning below 40° over our area as a whole, and decreasing to 13° at Moscow and −3° at Archangel. Above 50° at a few stations in the south; highest values 57° at Barcelona and 59° at Oporto. Rising to 60° and rather higher during day in various places in the south, but not exceeding 45° in most parts of central Europe and only touching 34° at Cracow. Thermometer rising to 57° at Leith and to 50° at some of our other stations.

WIND at 8 a.m. showing a very extensive anticyclonic circulation around the North Sea and partial cyclonic circulations at the various extremities of our area. Not much force except in the north of Scandinavia. No change of importance during day, but South-Westerly wind increasing to a fresh gale at Bodö.

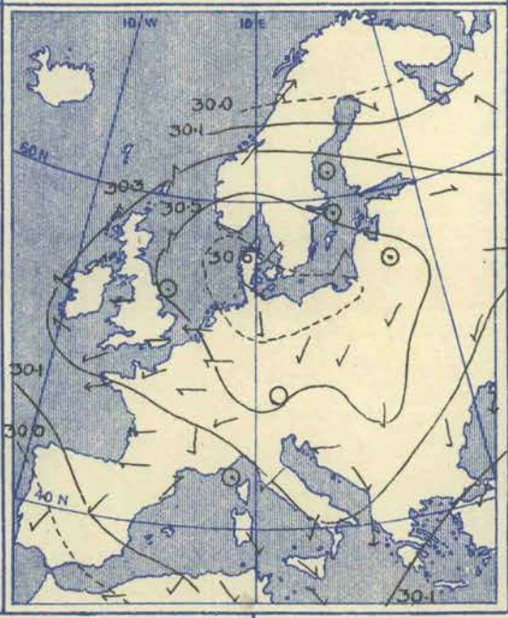
BAROMETER in morning above 30·6 ins. in the central portion of an anticyclone covering the North Sea and Denmark; decreasing to 30·0 ins. and less over Lapland, the south of Russia, and off the south-west of Spain, and to below 29·8 ins. over the Black Sea. Pressure decreasing slowly over the United Kingdom during day, but no change taking place in the general distribution.

Tuesday, 3rd April, 1906.

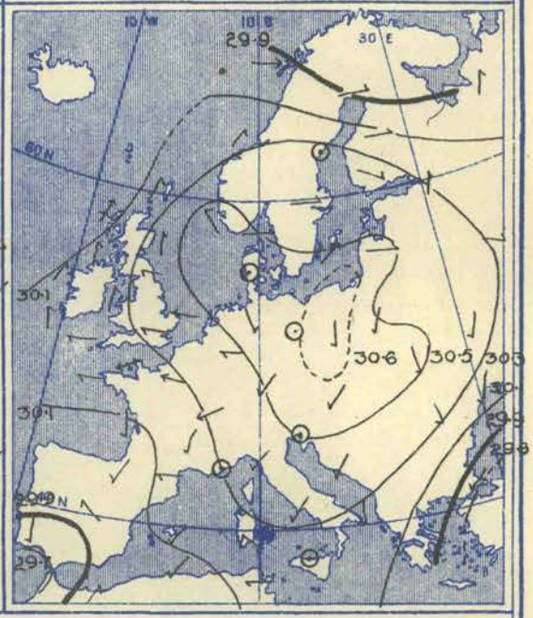
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fair or fine and bright over almost the whole of Europe except the extreme south-east and north-west; rain falling at Bodö, Odessa, and Constantinople. Continuing very fine all day in most regions, but 0·9 in. of rain falling at San Fernando, and 2·76 ins. at Bodö.

TEMPERATURE changed rather irregularly. Readings at 8 a.m. ranging from 65° at Oporto and above 50° at some other southern stations to below 40° over the Continent as a whole, and to less than 32° in the east and north-east. Lowest value 1° at Archangel. Rising to about 70° later on the south-west coast of France, to above 60° in the extreme south generally and to 60° at a few places in these Islands. Maxima below 50° in Austria-Hungary, and only 51° at Naples.

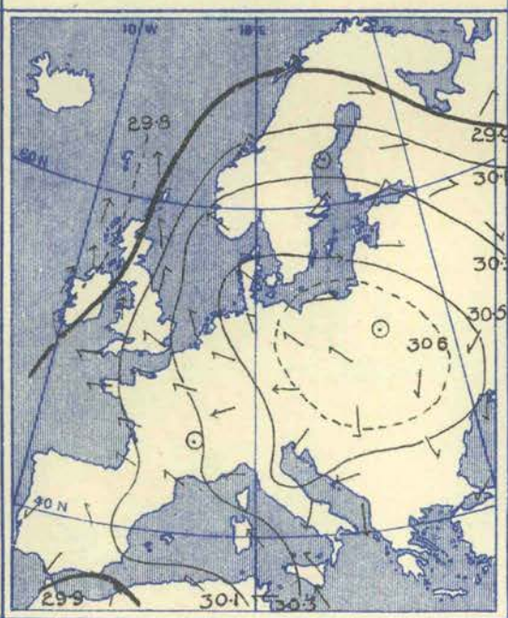
WIND at 8 a.m. still showing a very extensive anticyclonic circulation over nearly the whole of our area. A gale or very strong wind from the South-Westward prevailing over the north-west of Norway. No general change later but Southerly current increasing somewhat in force on our north-west coasts, and blowing a fresh gale in the Hebrides.

BAROMETER in morning ranging from above 30·6 ins. in a large anticyclone having its centre over Denmark and its neighbourhood to below 30·0 ins. in the extreme north, south-west, and south-east of our area; pressure decreasing decidedly in each of the three latter regions during day and a brisk fall of the mercury also taking place on our own north-west coasts. Anticyclone moving slowly eastwards and gradients becoming much more pronounced over Europe generally.

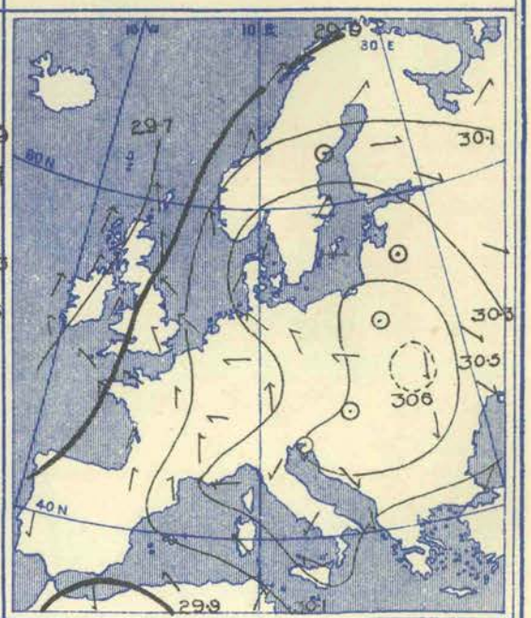
Wednesday, 4th April, 1906.

Temperature and Weather. 8 a.m.

Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine and bright in almost all parts of our area, but dull on our extreme western coasts and in the Riviera and Algeria, with rain at Algiers; rain also reported from Constantinople. Continuing fine generally, but more than three-quarters of an inch of rain falling in the west of Ireland, some smaller amounts on some shores of the Mediterranean, and as much as 1·85 in. at Perpignan.

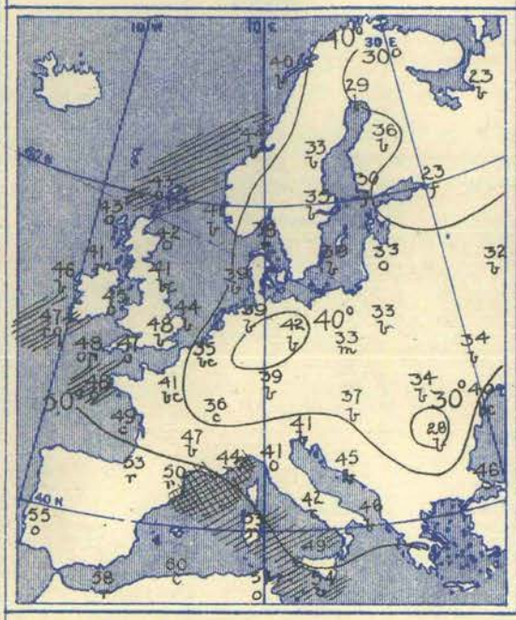
TEMPERATURE risen as a whole, but fallen in places. Readings in morning about 32° in the the central and eastern portion of our area and increasing to above 50° in Portugal, Algeria, and in the Mediterranean islands; highest readings 58° at Oporto and 59° at Algiers. Rising during afternoon to about 60° at Leith and on the coast of Wales and to above 55° in many parts of the United Kingdom. Maxima above 70° in Algeria and only slightly lower at some stations in the south-west of France and over the Spanish Peninsula; thermometer not exceeding 55° in Italy and remaining below 50° at many places in central Europe.

WIND in morning showing an anticyclonic circulation over Europe generally, but a fresh to strong Southerly current prevailing on our own west coasts and in the west of Norway; a fresh gale blowing at Bodö. A fresh or strong Easterly wind prevailing off the south of France. Southerly current increasing greatly in the Shetlands later and to a fresh gale on the south-west coast of Norway. No important change as a whole.

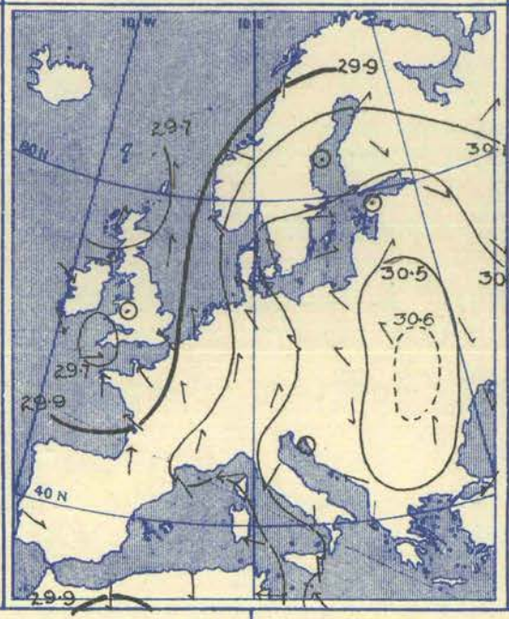
BAROMETER in morning ranging from above 30·6 ins. in a very large anticyclone having its centre over the central countries of the Continent to below 29·9 ins. over Morocco, and to less than 28·8 ins. off our west and north-west coasts. Gradients moderate or slight except over our western and northern districts. Anticyclone moving slowly eastwards during day and a depression advancing to the west of these Islands.

Thursday, 5th April, 1906.

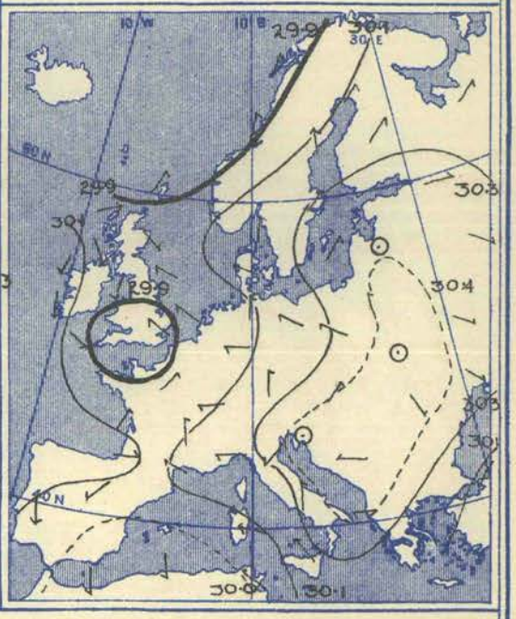
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. very fine and bright except in the Riviera, on the coasts of Spain and Portugal, the west of France, and the west and north of these Islands. Rain falling at Perpignan, Barcelona, Oporto, Malin Head, and Biarritz, and passing showers in the Scilly Isles. Some rain experienced later on our south-west coasts and large quantities in the south of France, as much as 1·54 in. measured at Perpignan.

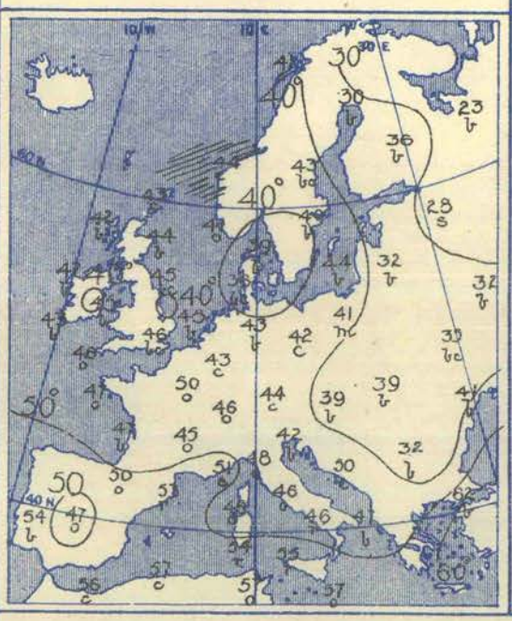
TEMPERATURE fallen in a few places here and there, but risen as a whole. Readings in morning about 60° in Algeria and above 50° in Sicily and on the coasts of the Spanish Peninsula. As low as 42° at Naples, and below 40° over the greater part of the Continent; lowest values 23° at St. Petersburg and Archangel. Thermometer rising to 73° at La Calle during day and to above 60° at a few other stations in the south, but remaining below 50° at Nice and only touching 53° at Naples. Maxima about 60° at several places in the north-west, the centre, and south-east of England.

WIND at 8 a.m. very strong from the Eastward over the western half of the Mediterranean and fresh from the Southward on the west coast of France. A moderate to fresh cyclonic circulation prevailing around the St. George's Channel, and a partial circulation in Scotland. Light anticyclonic airs general over the eastern half of our area. No important change later.

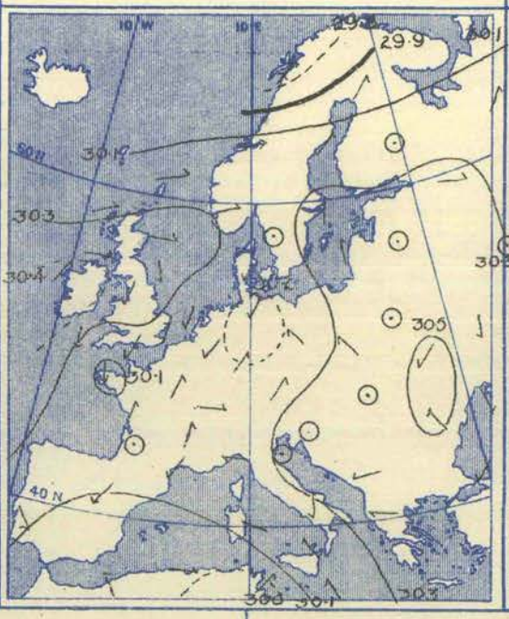
BAROMETER in morning above 30·6 ins. in a very large anticyclonic system having its maximum over the eastern part of central Europe; decreasing to below 29·7 ins. in two separate depressions—one with its centre over the St. George's Channel, and the other to the northward of Scotland. A brisk recovery of pressure taking place later in Ireland and Scotland, and southern depression moving slowly in an easterly or south-easterly direction and becoming less deep; northern system travelling away north-eastwards. Continental anticyclone decreasing somewhat in intensity.

Friday, 6th April, 1906.

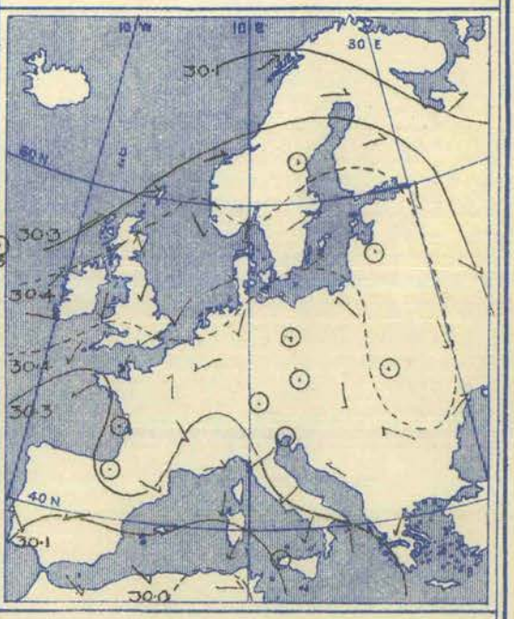
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fair to very fine and bright over our area as a whole, but overcast over the southern departments of France and at many stations on the shores of the Mediterranean, with rain in places. Rain experienced during day at several southern stations; as much as 3·90 ins. reported at Brindisi.

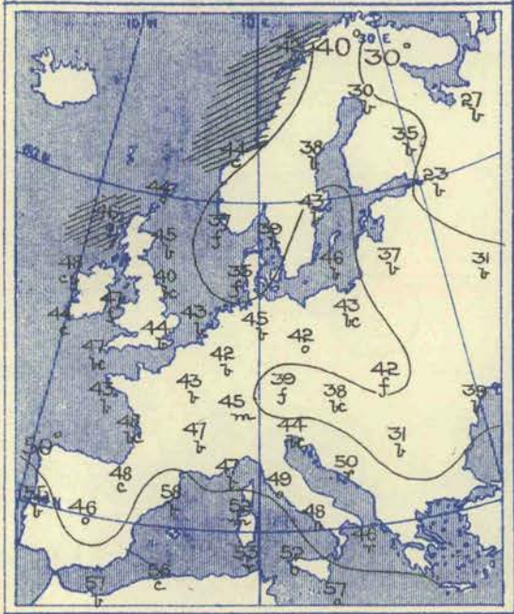
TEMPERATURE changed rather irregularly. Readings at 8 a.m. not much below 60° in the extreme south of our area, but below 50° generally, and below 32° in the far north-east; lowest reading 23° at Archangel. Rising later in day to 70° at Tunis, 66° at Algiers, and to 60° or slightly higher in various parts of France, central Europe, and the south of England. Maxima below 60° in Italy, and no higher than 51° at Naples.

WIND in morning strong to a gale from the South-Westward along the west coast of Norway and light from the Northward over England; slight cyclonic circulations shown over France and Germany, and an anticyclonic movement over the east of Europe. Fresh to strong winds between North-East and South-East prevailing over the Mediterranean region. Some decrease in force taking place later in the south and also in Norway, but little change in direction.

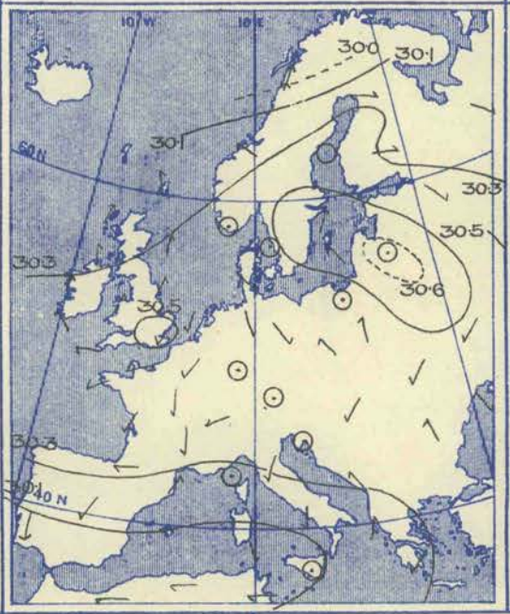
BAROMETER in morning above 30·5 ins. in an anticyclone having its core over Transylvania, and above 30·4 ins. in another system extending from the Atlantic to the United Kingdom; relatively low in depressions over France, Germany, and Northern Africa, and below 29·8 ins. in a deeper one on the north-west coast of Norway and the adjacent portion of the ocean. Disturbances disappearing or becoming less important during day and a junction taking place between the western and eastern anticyclones.

Saturday, 7th April, 1906.

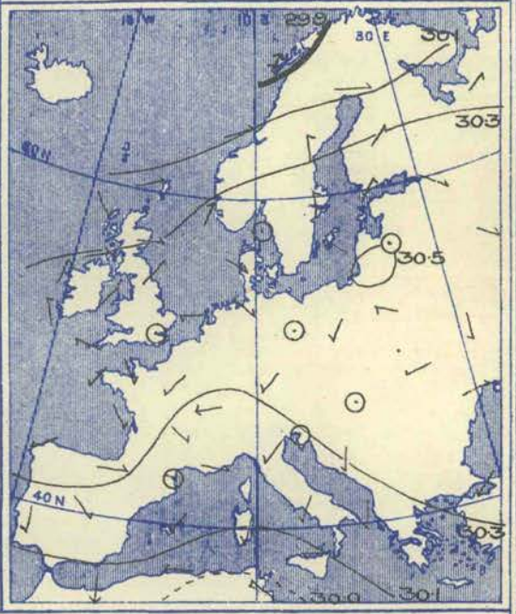
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. very fine in almost all parts of our area, but dull or very cloudy on our most north-western coasts and in the north-west of Norway, with rain at Bodö. A little rain experienced later in Ireland and Scotland and also in Algeria; conditions continuing fine as a whole.

TEMPERATURE showing no decided change. Readings in morning ranging from a little below to rather above 40° generally, but increasing to nearly 60° at some stations in the extreme south of our area, and decreasing to below 32° in the north-east. Lowest value, 23° at St. Petersburg. Maxima during day, above 60° in various parts of the United Kingdom, France, central Europe, and Italy, and as high as 70° at Rochefort.

WIND at 8 a.m. fresh or strong from the South-Westward on our extreme north-west coasts, and blowing a strong gale from that quarter at Bodö. Light anticyclonic breezes prevailing over Europe generally, but a very strong Easterly wind at Barcelona. No change of importance occurring later.

BAROMETER in morning highest, above 30·6 ins. in the neighbourhood of Riga and above 30·4 ins. in a vast anticyclonic system covering the greater portion of these Islands and a good proportion of the Continent. Lowest, less than 30·0 ins. off the north-west coast of Norway, and below 30·1 ins. over the north-west coast of Africa and the adjacent parts of Spain and the Mediterranean. Anticyclone undergoing some modification in form by evening, but no great change taking place in the general distribution of pressure. Northern depression extending further over Scandinavia.

IV.—BRIGHT SUNSHINE Values for the Week, in addition to those found on page 80.

	STATIONS.	No. of Hours recorded.	Difference from the Mean for the Week.	Percentage of Possible Duration	Difference from the Mean for the Week.
1.	Crathes	45·2	—	49	—
	Balruddery	39·1	—	43	—
2.	Saltburn-by-the-Sea	52·3	—	57	—
3.	Cromer	66·1	—	73	—
	Dunmow	54·2	—	60	—
	London, Bunhill Row	41·3	+ 18·5	45	+ 20
4.	Sheffield	31·2	—	34	—
5.	Margate	55·7	+ 22·7	61	+ 25
	Ramsgate	58·2	—	64	—
	Eastbourne	58·0	+ 21·3	64	+ 23
	Brighton	58·8	+ 22·6	65	+ 25
	Worthing	58·7	—	65	—
	Bognor	55·7	—	61	—
	Ventnor Hospital	55·6	+ 17·3	61	+ 19
7.	Southport	39·5	—	43	—
	Rhyl				
	Aberdovey	45·3	—	50	—
8.	Aberystwyth	45·0	—	50	—
	Tenby	49·1	+ 10·6	54	+ 12
	Torquay	55·6	+ 18·4	61	+ 20
	Newquay				

V.—OBSERVATIONS IN THE UPPER AIR.—Temperature, Humidity and Wind Velocity.

Date of Observation.	Station and its Height above M.S.L.		Heights in feet above Mean Sea Level. Ground Level.	1,660.	3,320.	5,000.	6,660.	8,320.	10,000.	Remarks.
1906. April 2nd. 2.30 p.m. to 4.30 p.m.	Oxshott, 200 ft.	Temperature F.	48°	40°	[32°]					One kite. Wire 3,500 ft. Max. height 2,650 ft. Light wind. Convection currents very evident.
		Humidity	60	70	100					
		Wind Velocity, m. per hr.	NE, 13	NE by E, 15	ENE, 15					
April 3rd, 2.40 p.m. to 4.50 p.m.	Oxshott, 200 ft.	Temperature F.	58°	52°	47°	40°	37°	[33°]		Two kites. Wire 10,500 ft. Max. height 8,000 ft. Cloudless and very dry. Convection currents reached to about 3,000 ft.
		Humidity	40	30	10	10	?	?		
		Wind Velocity, m. per hr.	E, 18	—, 20	SE, 20	SE, 30	SE, 30	SE by S, 25		
April 4th, 10.40 a.m. to 2.5 p.m.	Oxshott, 200 ft.	Temperature F.	55°	45	38°	41°?	41°?			Two kites. Wire 11,060 ft. Max. height 7,200 ft. Clock stopped but the temperature lay between 37° and 45°, and the humidity between 30 and 0 from 3,000 ft. to 7,200 ft. Convection currents up to about 3,000 ft. Cloudless.
		Humidity	50	40	30					
		Wind Velocity, m. per hr.	SE, 12	SE, 15	SE, 15	SSE, 35	S by E, 20			
April 5th, 2.50 p.m. to 3.50 p.m.	Ditcham Park, Petersfield, 400 ft.	Temperature F.	52°	45°						Two kites. Wire 3,200 ft. Max. height 2,200 ft. Temp. 43°
		Humidity	75	85						
		Wind Velocity, m. per hr.	SE, ½ E	SE						
April 5th, 3.0 p.m. to 5.0 p.m.	Oxshott, 200 ft.	Temperature F.	58°	50°						Uncertain wind, failing entirely above. Wire 3,200 ft. Cloudless.
		Humidity	60	80						
		Wind Velocity, m. per hr.	SE, 12	SE, 12						
April 6th, 10.10 a.m. to 11.50 a.m.	Oxshott, 200 ft.	Temperature F.	60°	52°	45°	[45°]				Two kites. Wire 8,000 ft. Max. height 4,700 ft. Cloudless. Wind failing above.
		Humidity	50	50	50	[50]				
		Wind Velocity, m. per hr.	NE, 12	NE, 20	NE, 20	NE by E, 15				

63, Victoria Street, London, S.W.
April 11th, 1906.

W. N. SHAW,
Director.

ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE,

AND PUBLISHED FOR H.M. STATIONERY OFFICE BY WYMAN AND SONS, LTD., FETTER LANE, E.C., AND 32, ABINGDON STREET, WESTMINSTER, S.W.; OR OLIVER AND BOYD, EDINBURGH; OR E. PONSONBY, 116, GRAFTON STREET, DUBLIN.

TWENTY-NINTH YEAR. *Vol. XXIII. (New Series.)* No. 15. FIFTEENTH WEEK, ENDING SATURDAY, APRIL 14TH, 1906. *[Price 6d. Annual Subscription post paid £1 10s. 0d.*

I.—GENERAL REMARKS.

Weather was for the most part exceedingly fine and dry. A temporary break occurred, however, on Thursday and Friday, when rain fell in all but the extreme southern districts, and thunderstorms (or thunder only) occurred in many parts of England.

Temperature was above the average, the excess being small in Ireland S., but large in most parts of Great Britain, and especially in England S. The highest readings were recorded, as a rule, either on Thursday or Friday, when the thermometer rose to 70° or slightly above it in many parts of Great Britain, and as far north as Lairg. In Ireland, England S.W. and the Channel Islands the absolute maxima was only a trifle above 65°. The lowest readings were observed at various times, but chiefly in the earlier half of the week, when sharp night frosts occurred in most districts. In Scotland E. and England S.W. the sheltered thermometer fell to 27° and in Scotland N., England N.E. and the Midland Counties to 26°. In England S. the absolute minimum was not lower than 32°, while in the Channel Islands the thermometer did not fall below 40.

Rainfall was everywhere very deficient. At a large majority of the stations none fell until after Wednesday, and in England S. and the Channel Islands there was no measurable amount throughout the week.

Bright Sunshine was unusually abundant, more than 60 per cent. of the possible amount being recorded in all districts excepting Scotland N. and W. In England S.W. the proportion of the possible duration amounted to 72 per cent., and in the Channel Islands to 73 per cent.

Barometer and Wind.—During the early part of the week a large anticyclone drifted slowly across these Islands from the westward, the wind being at first Northerly, but afterwards shifting to the Westward in the north, and to the North-Eastward in the south. After Wednesday the anticyclone travelled away to Russia, and the weather in these Islands was influenced, in the first place by some small shallow depressions which were developed immediately over us, occasioning light variable breezes, and in the second place by a large disturbance which passed eastward across the United Kingdom on Friday, when the wind blew from between South-West and North-West. In the rear of the latter system a new anticyclone spread in from the Atlantic, and Northerly winds were again experienced on all but our northern coasts, where the wind backed to the Westward.

SUMMARY OF TEMPERATURE, RAINFALL, AND DURATION OF BRIGHT SUNSHINE IN THE UNITED KINGDOM; FOR AGRICULTURAL AND SANITARY PURPOSES.

THE WEEK (15th)—April 8th to April 14th, 1906.

DISTRICTS. (See p. 86.)	Temperature. Highest.	Lowest.	Means of: Daily Max.	Daily Min.	Daily Mean.	Difference from Av. (35 Yrs.)	Accumulated Number of Day-Degrees. Above 42°	Difference from Av. (25 Yrs.)	Below 42°	Difference from Av. (25 Yrs.)	Rainfall. Number of Rain-Days.	Diff. from Av. (35 Yrs.)	Total Fall.	Difference from Average (35 Yrs.)	Sunshine. Hours recorded.	Diff. from Av. (25 Yrs.)	Percentage of Possible Duration.	Diff. from Av. (25 Yrs.)
	°	°	°	°	°	°	Day-deg.	Day-deg.	Day-deg	Day-deg.			Inches.	Inches.			%	%
0. SCOTLAND, NORTH ..	71	26	55·9	34·5	44·7	+ 2·3	50	+28	21	+ 1	2	- 2	0·25	- 0·47	57	+25	59	+26
Eastern **1.** SCOTLAND, EAST ..	72	27	59·7	33·6	46·0	+ 3·2	63	+35	24	+ 3	1	- 3	0·03	- 0·44	62	+28	65	+29
Eastern **2.** ENGLAND, N.E. ..	70	26	57·3	35·4	45·8	+ 1·8	54	+26	18	+ 3	2	- 1	0·08	- 0·30	61	+28	64	+29
Eastern **3.** ENGLAND, EAST ..	72	31	58·6	39·4	48·6	+ 3·1	57	+20	7	- 8	1	- 2	0·06	- 0·31	63	+29	67	+30
Eastern **4.** MIDLAND COUNTIES	72	26	61·8	36·7	48·6	+ 3·5	68	+29	15	- 1	1	- 2	0·08	- 0·35	57	+25	61	+27
Eastern **5.** ENGLAND, SOUTH ..	72	32	60·6	40·5	50·1	+ 4·0	63	+23	4	- 5	0	- 3	0·00	- 0·41	65	+28	69	+30
Western **6.** SCOTLAND, WEST ..	71	30	60·1	36·4	47·7	+ 3·3	63	+32	16	+ 2	1	- 2	0·08	- 0·59	47	+13	49	+14
Western **7.** ENGLAND, N.W. ..	70	28	58·2	37·5	47·3	+ 2·3	56	+24	13	+ 2	1	- 2	0·05	- 0·40	59	+25	62	+27
Western **8.** ENGLAND, S.W. ..	68	27	60·2	39·4	49·3	+ 3·4	62	+24	7	0	1	- 2	0·07	- 0·52	67	+32	72	+34
Western **9.** IRELAND, NORTH ..	67	28	56·5	36·7	46·1	+ 1·1	51	+17	15	+ 5	2	- 2	0·15	- 0·39	64	+31	67	+33
Western **10.** IRELAND, SOUTH ..	67	28	57·0	37·7	46·9	+ 0·4	52	+11	12	+ 5	2	- 2	0·08	- 0·55	58	+22	61	+23
11. CHANNEL ISLANDS..	66	40	56·9	45·1	50·7	+ 2·5	61	+16	0	- 2	0	- 4	0·00	- 0·52	69	+27	73	+29

THE SEASON (**Spring**).—Aggregates, &c., for the Period of 6 Weeks, March 4th to April 14th, 1906.

0. SCOTLAND NORTH ..	71	8	*	*	*	*	111	+25	185	+ 20	26	0	4·81	- 0·51	177	+28	34	+ 5
Eastern **1.** SCOTLAND, EAST ..	72	11	*	*	*	*	146	+31	185	+ 10	21	- 1	2·36	- 0·63	212	+45	41	+ 9
Eastern **2.** ENGLAND, N.E. ..	70	18	*	*	*	*	165	+39	139	0	18	- 2	1·35	- 0·96	231	+58	44	+11
Eastern **3.** ENGLAND, EAST ..	72	24	*	*	*	*	175	+10	116	- 29	17	- 2	1·29	- 0·84	229	+54	44	+11
Eastern **4.** MIDLAND COUNTIES	72	18	*	*	*	*	208†	+36	132	- 18	17	- 2	1·35†	- 1·14	210	+48	41	+ 9
Eastern **5.** ENGLAND, SOUTH ..	72	22	*	*	*	*	178	+ 5	104	- 3	18	- 1	1·57	- 0·95	235	+50	46	+10
Western **6.** SCOTLAND, WEST ..	71	18	*	*	*	*	164	+40	122	- 3	15	- 8	3·40	- 1·35	209	+43	40	+ 8
Western **7.** ENGLAND, N.W. ..	70	16	*	*	*	*	158	+16	118	+ 7	16	- 5	2·70	- 0·32	219	+68	42	+13
Western **8.** ENGLAND, S.W. ..	68	19	*	*	*	*	183	+14	102	+ 18	16	- 4	2·44	- 1·19	244	+68	47	+13
Western **9.** IRELAND, NORTH ..	67	20	*	*	*	*	153	+ 5	111	+ 7	23	- 3	3·18	- 0·31	186	+27	36	+ 5
Western **10.** IRELAND, SOUTH ..	67	26	*	*	*	*	203	+16	72	- 7	19	- 3	2·67	- 1·35	204	+19	39	+ 4
11. CHANNEL ISLANDS..	66	31	*	*	*	*	199	- 9	36	+ 6	18	- 5	1·59	- 1·57	261	+46	50	+ 9

THE YEAR.—Aggregates, &c., for the period of 15 Weeks, December 31st, 1905, to April 14th, 1906.

0. SCOTLAND, NORTH ..	71	8	*	*	*	*	129	-23	526	+ 39	78	+ 9	17·89	+2·88	280	+37	27	+ 4
Eastern **1.** SCOTLAND, EAST ..	72	11	*	*	*	*	183	-13	515	- 25	57	+ 1	7·35	- 0·76	375	+80	36	+ 8
Eastern **2.** ENGLAND, N.E. ..	70	18	*	*	*	*	221	+11	400	- 46	55	+ 3	5·43	- 0·50	386	+76	36	+ 7
Eastern **3.** ENGLAND, EAST ..	72	23	*	*	*	*	253	- 7	365	-121	58	+ 6	6·89	+1·27	386	+80	36	+ 7
Eastern **4.** MIDLAND COUNTIES	72	18	*	*	*	*	287†	+ 7	408	- 87	57	+ 5	7·26†	+0·48	352	+74	33	+ 7
Eastern **5.** ENGLAND, SOUTH ..	72	20	*	*	*	*	311	+18	305	- 64	63	+10	9·03	+1·86	412	+89	38	+ 8
Western **6.** SCOTLAND, WEST ..	71	14	*	*	*	*	226	+ 8	356	- 25	60	- 2	14·29	+0·45	352	+81	33	+ 8
Western **7.** ENGLAND, N.W. ..	70	16	*	*	*	*	235	- 9	325	- 40	59	+ 3	11·26	+2·76	350	+87	33	+ 8
Western **8.** ENGLAND, S.W. ..	68	19	*	*	*	*	335	+11	282	+ 2	63	+ 7	14·02	+3·34	404	+96	37	+ 9
Western **9.** IRELAND, NORTH ..	67	20	*	*	*	*	251	-24	317	- 11	78	+10	11·85	+2·00	335	+58	31	+ 5
Western **10.** IRELAND, SOUTH ..	67	24	*	*	*	*	391	+15	234	- 13	71	+ 9	11·44	-0·59	355	+26	33	+ 2
11. CHANNEL ISLANDS..	66	27	*	*	*	*	439	+ 4	79	- 33	72	+10	10·22	+0·72	445	+65	40	+ 6

† This value has been altered owing to the receipt of further information.

Bright Sunshine.—For certain of the Districts the values of Bright Sunshine in this Table are based on the records from a part only of the Stations included in the Tables under II. and IV. For certain of the Stations Mean Values are not available, and for the Districts containing these Stations the "Difference from Average" is based on the records from a smaller number of Stations than those supplying the values for "Hours Recorded."

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II.—DATA from which the SUMMARY on page 85 has been calculated,

April 8-14, 1906.

Districts.	Names of Stations.	Temperature. In Degrees Fahrenheit.								Rainfall.			Bright Sunshine.			
		Highest observed.	Lowest observed.	Averages for the Week.			Difference of Daily Average from Mean for the Week.	Accumulated Heat for the Week (in Day-degrees).		Number of Rain-Days.	Rainfall in the Week.	Difference from the Mean for the Week.	Number of Hours recorded.	Difference from the Mean for the Week.	Percentage of possible duration.	Difference from the Mean for the Week.
				Of Highest each day.	Of Lowest each day.	For whole of each day.		Above 42°	Below 42°							
		°	°	°	°	°	°	Day-deg	Day-deg		Inches.	Inches.	Hrs.	Hrs.	%	%
O. SCOTLAND, N.	†Sumburgh Head (Deerness)	53	37	49·4	41·0	45·0	+ 4·2	25	3	2	0·13	− 0·37	60·6	+ 27·2	63	+ 28
	Wick	59	30	54·6	33·4	43·5	+ 1·1	47	24	1	0·02	− 0·40	*	*	*	*
	†Lairg (Strathpeffer) ℌ	71	26	60·3	29·1	44·0	+ 2·8	68	36	1	0·07	− 0·51	57·1	+ 25·6	59	+ 26
	Stornoway ℌ	60	33	55·4	35·6	45·0	+ 2·5	48	18	1	0·01	− 0·66	66 3	+ 30·7	68	+ 32
	Glencarron ℌ	62	32	56·3	34·2	44·7	+ 2·8	52	22	3	0·75	− 0·54	*	*	*	*
	Fort Augustus ℌ	68	30	57·8	33·0	44·8	+ 1·2	57	25	2	0·13	− 0·44	43·3	+ 17·3	45	+ 18
	Fort William ℌ	65	32	57·4	35·2	45·8	+ 1·5	55	19	3	0·63	− 0·37	*	*	*	*
1. SCOTLAND, E.	Nairn	67	31	57·4	33·4	44·8	+ 1·6	56	24	2	0·02	− 0·29	*	*	*	*
	Aberdeen	65	34	58·6	36·4	47·0	+ 3·9	59	16	1	0·11	− 0·39	68·3	+ 33·4	71	+ 45
	Balmoral ℌ	69	27	60·1	29·8	44·2	+ 4·5	67	34	1	0·02	− 0·51	*	*	*	*
	Clathick ℌ	72	30	63·6	33·0	47·6	+ 3·7	77	25	0	0·00	− 0·56	*	*	*	*
	†Leith (Edinburgh) ℌ	65	32	57·9	35·3	46·1	+ 1·6	57	19	0	0·00	− 0·33	45·1	+ 17·4	47	+ 18
	Marchmont ℌ	65	30	60·3	33·6	46·3	+ 4·0	65	24	0	0·00	− 0·54	63·8	+ 32·2	67	+ 34
2. ENGLAND, N.E. — Northern part.	†Alnwick Castle (Cockle Park)	65	28	56·7	34·7	45·2	+ 2·7	53	20	0	0·00	− 0·49	62·7	—	66	—
	†Shields (Newcastle)	66	31	54·0	32·3	42·6	− 0·6	45	27	1	0·02	− 0·35	34·6	+ 10·1	36	+ 11
	Durham	65	26	58·4	31·0	44·0	+ 0·8	60	31	1	0·14	− 0·28	61·3	+ 30·9	65	+ 38
	Scarborough ℳ	65	37	55·2	39·8	47·1	+ 3·2	45	6	2	0·17	− 0·23	58·9	—	62	—
	York	67	30	60·7	34·4	46·9	+ 2·1	66	21	2	0·17	− 0·21	54·8	+ 24·1	58	+ 25
2. ENGLAND, N.E. — Southern part.	†Spurn Head (Skegness)	59	38	51·3	39·7	45·2	+ 1·3	32	6	3	0·04	− 0·26	63·1	—	66	—
	Lincoln	70	33	61·7	36·2	48·3	+ 2·6	68	16	1	0·03	− 0·34	*	*	*	*
	†Fulbeck (Rauceby)	70	30	60·7	35·1	47·3	+ 2·3	66	19	2	0·10	− 0·27	62·0	—	65	—
3. ENGLAND, E. — Northern part.	Hillington ℳ	71	31	61·6	36·2	48·3	+ 3·3	68	16	1	0·05	− 0·35	60·4	+ 25·9	64	+ 28
	†Yarmouth (Lowestoft)	61	41	51·0	42·3	46·4	+ 2·4	31	0	1	0·04	− 0·34	62·5	—	67	—
	Geldeston	72	33	60·3	37·5	48·4	+ 3·6	64	13	1	0·05	− 0·30	63·3	+ 26·8	67	+ 29
3. ENGLAND, E. — Southern part.	Cambridge	72	34	63·2	38·0	50·0	+ 4·1	73	11	1	0·06	− 0·28	62·5	+ 26·5	66	+ 28
	Felixstowe	61	35	53·4	40·2	46·5	+ 1·2	39	5	1	0·02	—	64·3	—	68	—
	Clacton-on-Sea	58	39	54·1	41·6	47·6	+ 1·8	41	1	1	0·05	—	65·7	—	70	—
	Rothamsted	70	35	62·6	37·7	49·6	+ 4·7	71	12	1	0·19	− 0·23	61·7	+ 27·8	66	+ 30
	†Shoeburyness (Southend)	65	34	57·4	39·1	47·8	+ 1·4	53	8	1	0·02	− 0·28	65·5	—	70	—
	London, Westminster	71	37	63·6	42·4	52·5	+ 5·6	74	0	1	0·03	—	60·8	+ 35·8	65	+ 38
4. MIDLAND COUNTIES. — Eastern part.	Harrogate	65	30	58·7	35·0	46·3	+ 3·1	60	20	0	0·00	− 0·49	60·8	—	64	—
	†Bawtry (Worksop)	70	—	63·0	—	—	—	—	—	2	0·09	− 0·29	58·8	+ 29·1	62	+ 31
	Nottingham	70	33	61·0	35·7	47·7	+ 2·3	66	18	0	0·00	− 0·38	60·3	—	64	—
	†Colly Weston (Oundle)	72	33	61·7	37·9	49·2	+ 3·5	68	11	0	0·00	− 0·37				
	Birmingham, Edgbaston	68	34	60·9	38·7	49·3	+ 4·4	65	9	2	0·12	− 0·30	50·5	—	54	—
	Oxford	70	37	64·3	39·0	51·0	+ 4·9	76	8	1	0·07	− 0·30	56·3	+ 22·3	60	+ 24
4. MIDLAND COUNTIES. — Western part.	Cheadle ℳ	68	32	60·0	37·1	48·0	+ 4·2	63	14	2	0·22	− 0·27	*	*	*	*
	Shrewsbury ℳ	70	26	62·3	32·4	46·6	+ 1·4	73	27	2	0·08	—	*	*	*	*
	Hereford ℳ	70	33	62·4	36·1	48·6	+ 2·9	71	17	2	0·24	− 0·16	*	*	*	*
	Cirencester ℳ	70	32	62·7	36·1	48·8	+ 4·2	72	17	1	0·02	− 0·44	58·8	+ 23·6	63	+ 25
	Bath ℳ	69	36	63·6	38·7	50·6	+ 4·0	74	9	0	0·00	− 0·49	63·1	—	67	—
5. ENGLAND, S.	†London, Brixton (Kew)	—	—	—	—	—	—	—	—	—	—	—	62·9	+ 30·0	67	+ 32
	Wisley, Surrey	72	32	64·1	38·4	50·6	+ 4·3	75	10	0	0·00	—	68·3	—	73	—
	Swarraton ℳ	71	33	63·5	37·0	49·6	+ 4·9	74	14	0	0·00	− 0·44	*	*	*	*
	Tunbridge Wells ℳ	72	36	62·0	40·5	50·7	+ 5·3	67	4	0	0·00	− 0·43	65·5	+ 29·4	70	+ 31
	†Dungeness (Littlestone)	60	36	54·0	41·1	47·2	+ 1·7	40	3	0	0·00	− 0·31	62·0	—	66	—
	Hastings	65	38	59·5	42·5	50·6	+ 4·5	60	0	0	0·00	− 0·41	68·0	+ 29·0	72	+ 31
	Southampton	68	37	64·3	40·8	52·0	+ 4·6	75	3	0	0·00	− 0·46	74·0	+ 36·6	79	+ 39
	†Portland Bill (Bournemouth)	63	40	56·7	43·3	49·7	+ 2·7	54	0	0	0·00	—	75·6	—	80	—
6. SCOTLAND, W.	Laudale, Loch Sunart	67	34	60·7	37·2	48·4	+ 3·6	65	13	3	0·37	− 0·66	*	*	*	*
	Glasgow ℌ	62	36	57·7	38·4	47·6	+ 3·9	54	10	0	0·00	− 0·49	33·1	+ 4·7	35	+ 5
	Dumfries ℌ	71	31	64·5	34·4	48·7	+ 4·2	79	21	0	0·00	− 0·59	*	*	*	*
	Cally ℌ	64	32	60·9	35·9	47·8	+ 3·6	66	17	1	0·01	− 0·66	*	*	*	*
	Douglas, Isle of Man	63	30	56·8	36·1	46·0	+ 1·3	53	17	1	0·02	− 0·55	61·4	+ 21·0	65	+ 22
7. ENGLAND, N.W.	Aspatria	66	29	58·3	35·5	46·4	+ 2·2	58	18	1	0·03	− 0·46	64·9	—	68	—
	Newton Rigg	67	28	61·1	32·4	46·1	+ 2·8	69	27	0	0·00	− 0·48	58·2	+ 24·6	61	+ 26
	Stonyhurst	65	34	58·0	36·6	46·8	+ 2·7	56	15	0	0·00	− 0·60	58·7	+ 25·6	62	+ 27
	Blackpool ℳ	65	30	58·0	36·3	46·6	+ 1·7	56	16	0	0·00	− 0·42	59·6	+ 25·1	63	+ 26
	Manchester, Prestwich	69	32	61·2	37·8	48·9	+ 4·4	66	12	2	0·07	0·42	55·5	+ 27·5	58	+ 29
	†Liverpool Obs. (Hoylake)	60	36	56·6	41·1	48·5	+ 2·8	49	3	2	0·05	− 0·33	54·7	—	58	—
	Hawarden Bridge	67	32	58·5	37·1	47·3	+ 1·4	58	14	2	0·15	− 0·13	*	*	*	*
7. NORTH WALES	Llandudno ℳ	61	37	54·9	41·1	47·7	+ 1·4	44	3	1	0·12	− 0·29	58·5	+ 23·8	62	+ 25
	Holyhead	59	38	54·0	41·6	47·5	+ 1·5	40	1	1	0·06	− 0·41	*	*	*	*
	Bettws-y-Coed	70	30	61·0	35·3	47·5	+ 1·9	67	19	1	0·02	—	58·0	—	61	—
8. SOUTH WALES	Llangammarch Wells	67	27	60·7	30·2	44·7	+ 0·7	68	33	4	0·26	—	58·9	—	63	—
	Pembroke	59	38	55·0	40·7	47·5	+ 1·8	44	4	1	0·01	− 0·47	68·2	+ 29·0	73	+ 31
	Cardiff	68	35	62·1	37·9	49·4	+ 2·4	69	11	0	0·00	− 0·59	*	*	*	*
8. ENGLAND, S.W.	Clifton	66	35	61·6	40·4	50·5	+ 4·3	66	4	1	0·34	− 0·19	*	*	*	*
	†Shaftesbury (Marlborough) ℳ	66	35	60·2	41·2	50·2	+ 5·7	61	2	0	0·00	− 0·57	54·4	+ 22·8	58	+ 24
	Arlington, N. Devon	68	36	60·7	39·4	49·5	+ 5·2	63	7	0	0·00	− 0·71	*	*	*	*
	Cullompton ℳ	68	33	63·8	36·7	49·6	+ 2·6	75	15	0	0·00	− 0·58	67·5	+ 33·1	72	+ 35
	Plymouth	66	39	61·7	43·7	52·3	+ 4·7	72	0	0	0·00	− 0·55	71·8	+ 34·0	76	+ 36
	Falmouth	58	42	56·0	44·5	50·0	+ 2·9	56	0	0	0·00	− 0·68	73·7	+ 33·2	78	+ 35
9 IRELAND, N. — Western part.	Malin Head	64	39	53·6	41·0	47·0	+ 2·2	39	3	1	0·08	− 0·37	*	*	*	*
	Edenfel	66	30	59·4	34·3	46·3	+ 2·4	62	22	2	0·14	− 0·44	*	*	*	*
	Blacksod Point	57	35	53·9	39·3	46·3	− 0·1	41	8	2	0·28	− 0·41	*	*	*	*
	Markree Castle	66	28	59·5	33·1	45·7	+ 0·6	63	25	2	0·14	− 0·45	66·4	+ 33·8	70	+ 36
9 IRELAND, N. — Eastern part.	Armagh	67	30	58·4	34·3	45·8	+ 1·1	59	22	1	0·12	− 0·36	61·0	+ 29·0	64	+ 31
	Donaghadee	58	33	54·0	38·0	45·6	+ 0·5	42	11	1	0·12	− 0·32	*	*	*	*
10. IRELAND, S. — Eastern part.	†Dublin, City (Phœnix Park)	64	35	55·8	38·8	46·9	+ 0·1	48	9	2	0·03	− 0·41	59·8	+ 23·4	63	+ 25
	Kilkenny	65	29	58·0	35·3	46·1	− 0·1	57	19	1	0·03	− 0·47	*	*	*	*
	Waterford	61	31	57·6	38·1	47·4	+ 1·6	54	11	0	0·00	− 0·63	*	*	*	*
10. IRELAND, S. — Western part.	Birr Castle	67	28	58·4	33·7	45·5	− 0·2	59	23	2	0·13	− 0·37	54·9	+ 21·1	58	+ 22
	Foynes	60	31	56·1	38·9	47·1	+ 1·7	49	9	1	0·07	− 0·51	*	*	*	*
	Killarney	67	29	61·4	37·3	48·8	+ 1·8	67	13	3	0·21	− 0·62	*	*	*	*
	Valencia	61	33	55·0	39·4	46·8	− 1·0	45	7	2	0·16	− 0·74	55·8	+ 20·3	59	+ 22
	†Roches Point (Ballinacurra)	57	35	53·9	40·3	46·8	− 0·5	41	5	2	0·03	− 0·68	61·2	—	65	—
11. ENGLISH CHANNEL	Scilly, St. Mary's	59	43	54·0	46·1	49·9	+ 1·8	55	0	0	0·00	− 0·50	64·5	+ 24·4	69	+ 26
	†Jersey, St. Aubins (St. Heliers)	66	40	59·7	44·4	51·7	+ 3·2	68	0	1	0·01	− 0·49	71·1	+ 28·7	76	+ 31
	Guernsey	64	42	56·9	44·7	50·5	+ 2·5	60	0	0	0·00	− 0·57	70·7	+ 27·5	75	+ 29

Information for Stations marked ℳ is supplied by the Royal Meteorological Society, and that for Stations marked ℌ is supplied by the Scottish Meteorological Society.

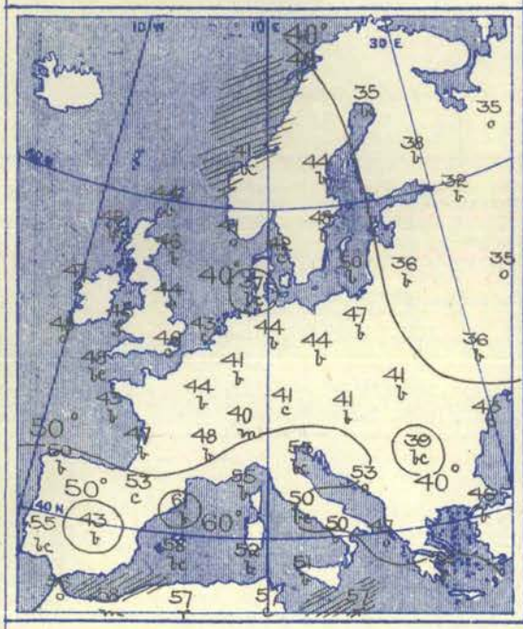
* An Asterisk is inserted in all places for which the information is not usually given.

† There is no Sunshine Recorder in use at this Station. The figures entered for Sunshine are those recorded at a neighbouring Station of which the name is given in brackets.

Sunday, 8th April, 1906.

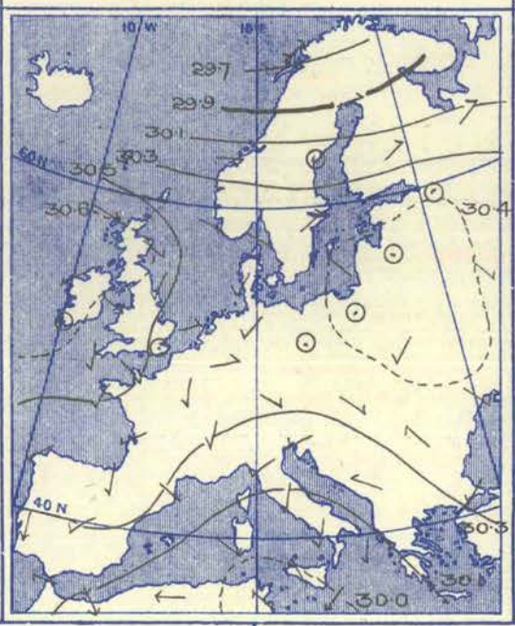
Temperature and Weather.

8 a.m.

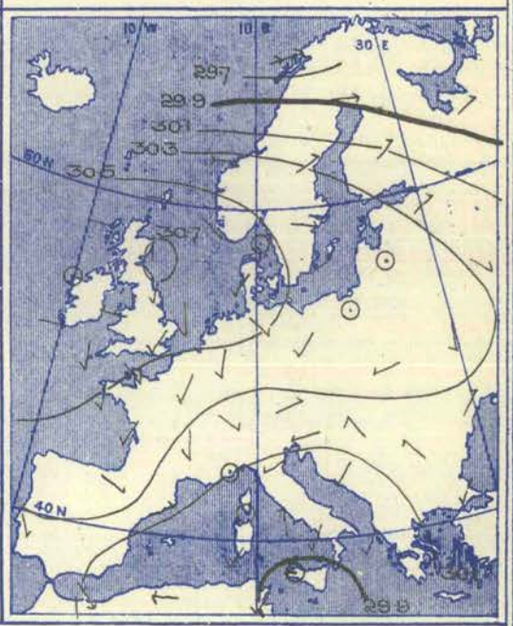


Barometer and Wind.

8 a.m.



6 p.m.



WEATHER at 8 a.m. fair or fine over our area as a whole, but dull and unsettled in a few localities, with rain at Birr Castle, Spurn Head, Algiers, and Malta. Continuing fine generally, but slight rain falling in Algeria and in some other southern regions, as well as at Munich, Christiansund, and Haparanda.

TEMPERATURE risen in most places. Readings in morning about 40° over Europe generally, nearly 50° on our own west and south-west coasts, above that value in the Mediterranean region, and as high as 61° at Oporto and Barcelona. Lowest reading 30° at Hangö. Rising later to 60° or a little higher in the southern districts of England, to about 65° in central and southern Europe and on the coast of Algeria, and to about 70° in the south-west of France and at Lisbon.

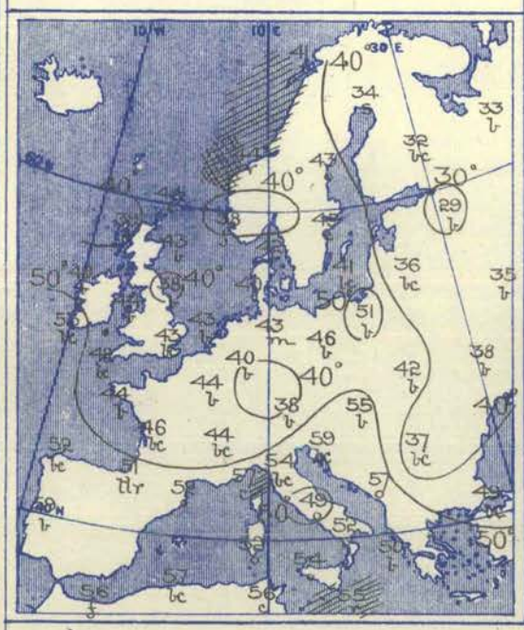
WIND in morning cyclonic both in the south and north of our area, anticyclonic elsewhere. No force beyond a light or moderate breeze except at Malta and on the Algerian coast and along the north-west coast of Norway; a strong gale from South-West prevailing at Bodö. Little change later beyond an extension of the gale to Christiansund and Finland.

BAROMETER risen decidedly in Ireland and Scotland; readings in morning above 30·6 ins. in the later regions, and above 30·4 ins. over the west of Russia and the adjacent regions. Below 30·0 ins. over the central part of the Mediterranean, and below 29·7 ins. in the extreme north of Norway. Pressure increasing steadily over the United Kingdom and its neighbourhood during day, but decreasing in the two regions of relatively low readings. Gradients becoming much steeper over the northern half of Norway.

Monday, 9th April, 1906.

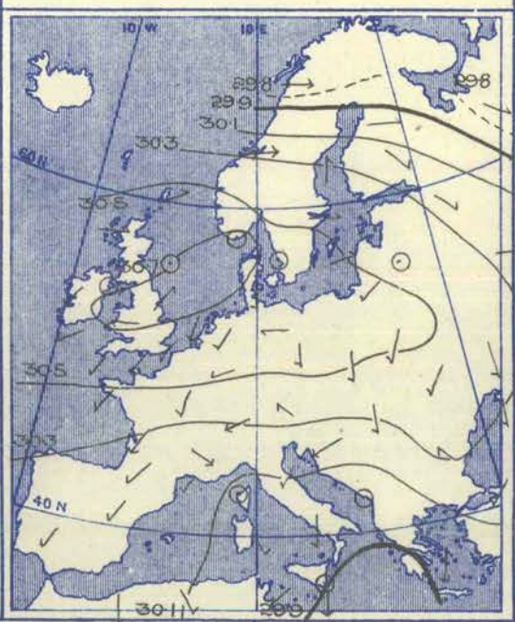
Temperature and Weather.

8 a.m.

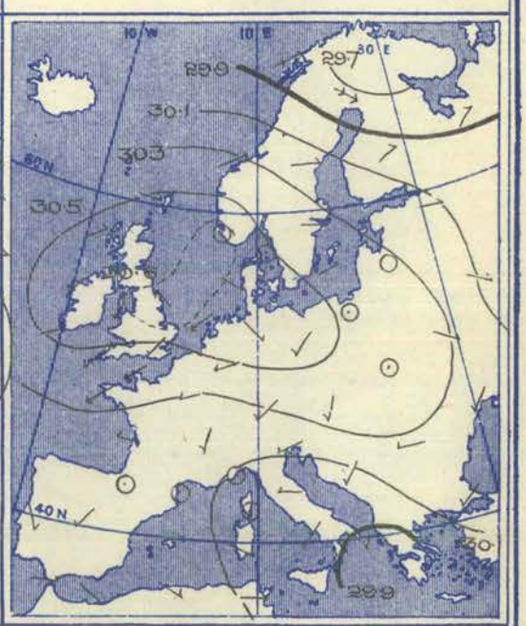


Barometer and Wind.

8 a.m.



6 p.m.



WEATHER at 8 a.m. fine and bright over the United Kingdom and the greater portion of the Continent; dull and less settled in the north and south of our area, with rain at Athens, rain or snow in the north of Scandinavia, and a thunderstorm at Biarritz. Scarcely any rain experienced later in day, and general character of weather remaining very fine.

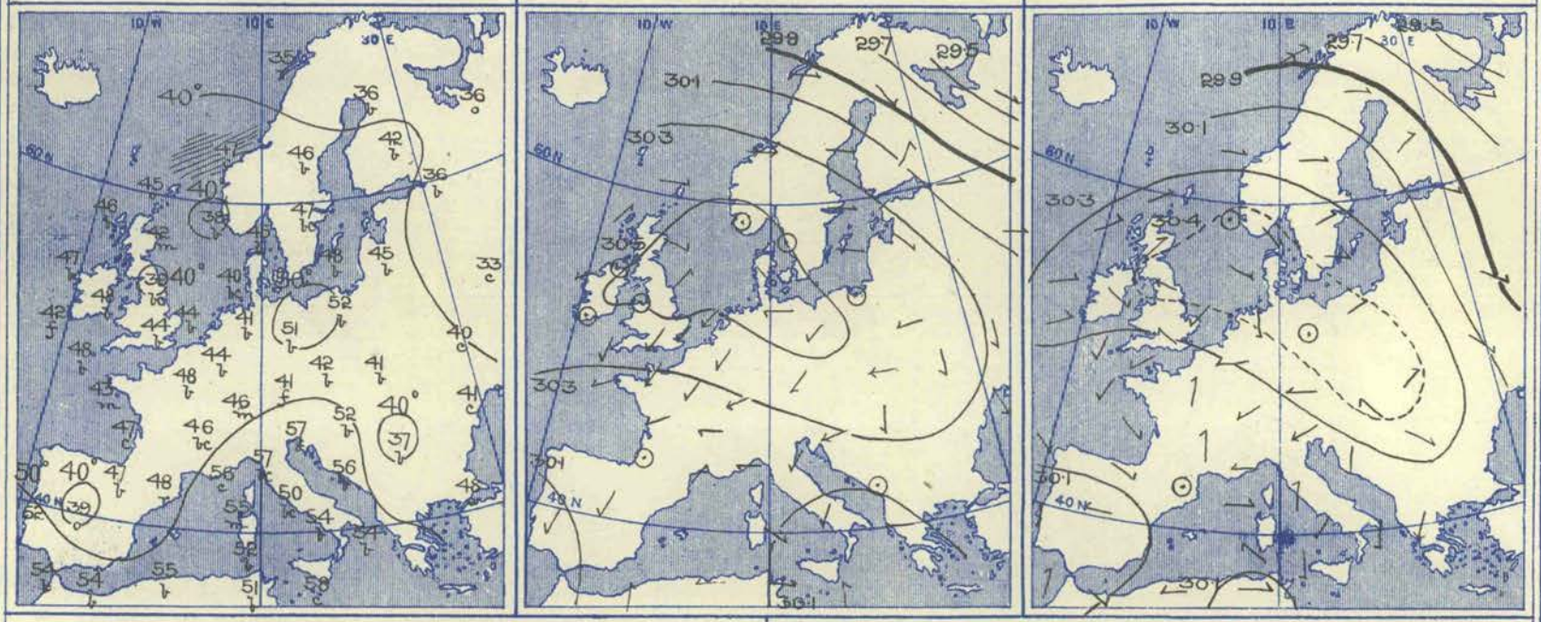
TEMPERATURE showing no decided change. Readings at 8 a.m. ranging from about 60° on the coast of Portugal, and above 50° in the south-west of Ireland and on the shores of the Mediterranean, to below 40° in the north-east of England and in many Continental regions, and to 29° at St. Petersburg. Rising during day to 67° at Nairn, to 71° at Paris, 70° at Trieste, and to 65° or above in various other southern localities, and also in central Europe. Maxima below 50° along the east coast of England.

WIND in morning blowing a gale from the Westward on the west coast of Norway, and a fresh or strong breeze from some Northerly point at a few stations on the shores of the Mediterranean. A vast anticyclonic circulation prevailing over the major portion of our area. North-Easterly current blowing freshly on our south coasts and over the Bay of Biscay.

BAROMETER at 8 a.m. showing a very large anticyclone, having its centre over the north-east of England (Shields 30·74 ins.) and extending westwards to beyond the west of Ireland, and eastwards to Russia. Lowest readings, 29·9 ins. and less, over the extreme north of Scandinavia and also over the Ionian Sea. Anticyclone decreasing somewhat in intensity later, but general distribution of pressure remaining unchanged. Northern depression travelling eastwards across Lapland.

Tuesday, 10th April, 1906.

Temperature and Weather.	Barometer and Wind.	
8 a.m.	8 a.m.	6 p.m.



WEATHER at 8 a.m. fine and bright in almost all parts of our area, but rain falling at Bilbao and Perpignan, and also at Bodö. Rain ceasing in those localities later in day and sky remaining nearly cloudless generally.

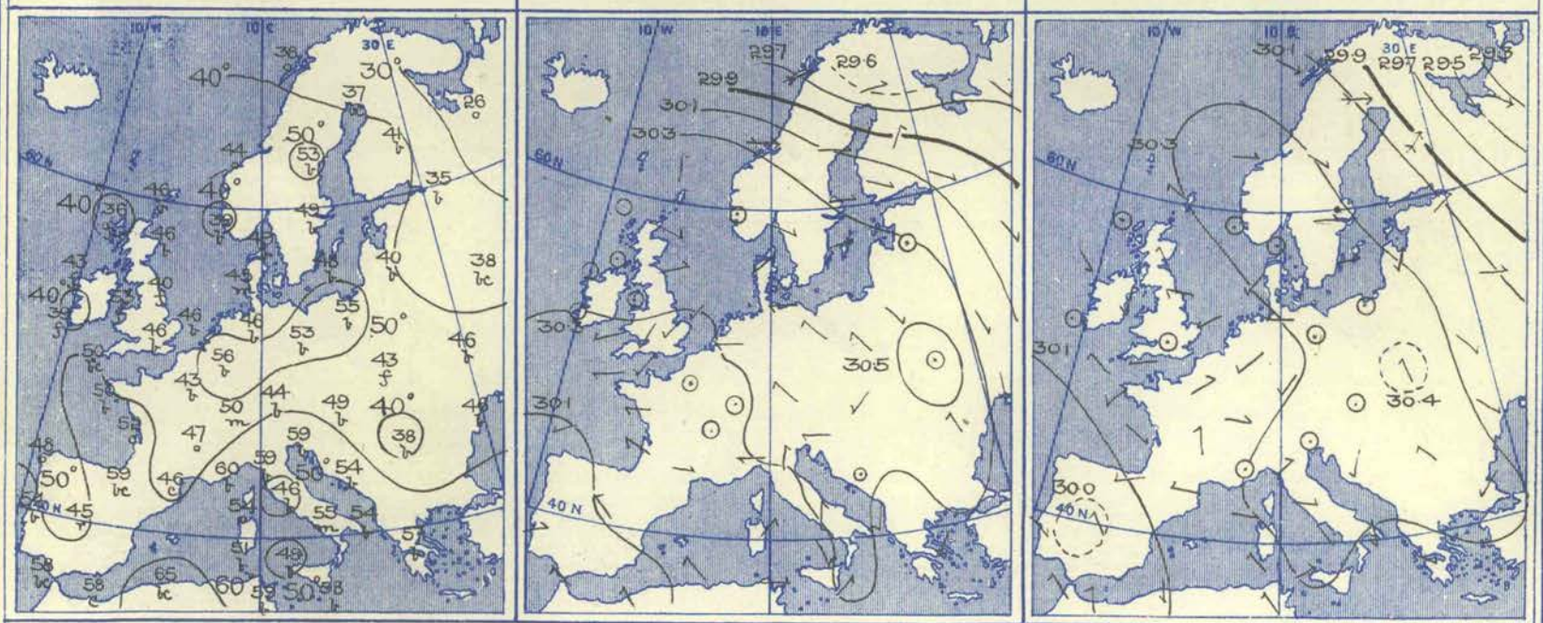
TEMPERATURE risen in the north-east of Europe, fallen or changed little elsewhere. Readings in morning above 55° at some southern stations and above 50° at some stations in central Europe. Below 40° in Caithness and in the extreme north and north-east of our area, and as low as 33° at Moscow. Maxima during day as high as 67° at Nairn and Brighton and about 60° in many parts of these Islands; about 70° in various parts of central and southern Europe, as well as in Algeria, and above 50° in the far north of Sweden.

WIND in morning showing a vast anticyclonic circulation around the North Sea and its vicinity, but mainly cyclonic over the extreme north and south of our area; North-Easterly current fresh or strong on our south and south-east coasts and also at Munich and Trieste, little force as a whole. Not much change later except the springing up of a South-Westerly gale at Bodö.

BAROMETER at 8 a.m. above 30·2 ins. in a very large anticyclone covering the greater portion of Europe and having its core over the North Sea, the north of our Islands, and Germany; highest readings reported 30·58 ins. at Skudesnaes and 30·56 ins. and North Shields and Fanö. Pressure decreasing gradually to below 30·1 ins. over the south-west of the Spanish Peninsula and the southern half of Italy and its neighbourhood, and to below 29·5 ins. in the far north of Russia. Not much change in the relative distribution occurring later, but pressure decreasing slowly over the United Kingdom and western Europe as a whole.

Wednesday, 11th April, 1906.

Temperature and Weather.	Barometer and Wind.	
8 a.m.	8 a.m.	6 p.m.



WEATHER at 8 a.m. fine and bright generally, but dull in the north-west of Norway and at various stations in northern Italy and the Iberian Peninsula, with rain at Madrid and Oporto; fog prevailing at the mouth of the Tyne, Holyhead, and on our extreme west and north-west coasts. Continuing very fine in almost all places throughout, but a little rain falling at Madrid and in Algeria.

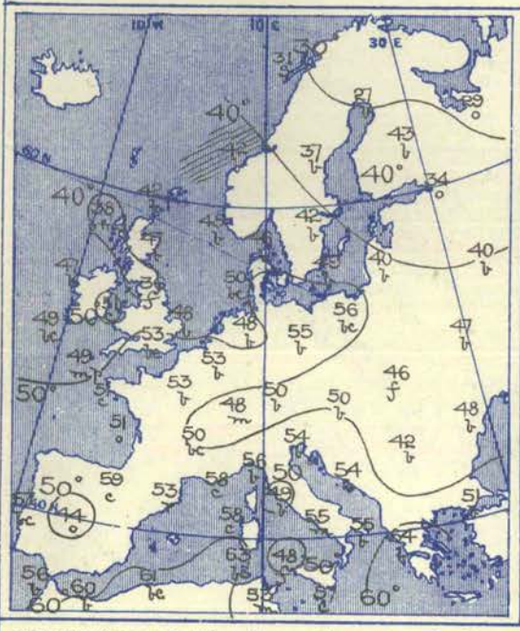
TEMPERATURE risen as a whole, but fallen at most of our western and northern stations and also in a few Continental regions. Readings in morning below 50° in most parts of our area, but above 55° at many stations in the south, and as high as 65° at Algiers. Thermometer below 40° in most of the northern localities and as low as 26° at Archangel. Maxima during day nearly 70° in the English midlands and above that value in many parts of France, the Low Countries, and Germany, and also at Florence.

WIND at 8 a.m. circulating cyclonically round the North Sea and central Europe, but calm or variable in places. Westerly in the extreme north of Europe, with a fresh to strong gale on the north-west coast of Norway. No great change as a whole later, but a westerly gale becoming general in the extreme north of our area.

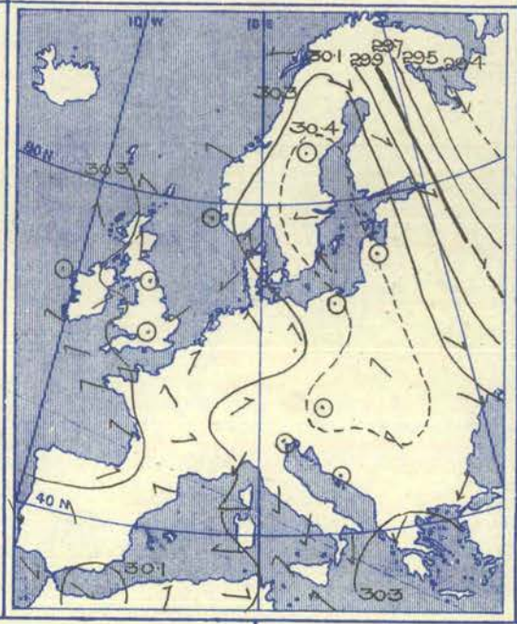
BAROMETER in morning above 30·4 ins. in an anticyclone extending south-eastwards from the Shetlands to Transylvania, and above 30·5 ins. in Poland. Decreasing to about 30·0 ins. off the coast of Portugal and to below 29·6 ins. in Lapland; gradients very slight except over the northern half of Norway and Finland. Pressure decreasing slowly but irregularly over the United Kingdom during day and local thunderstorm disturbances forming over England. Anticyclone giving way gradually and a very brisk fall of the barometer taking place in the north of Russia.

Thursday, 12th April, 1906.

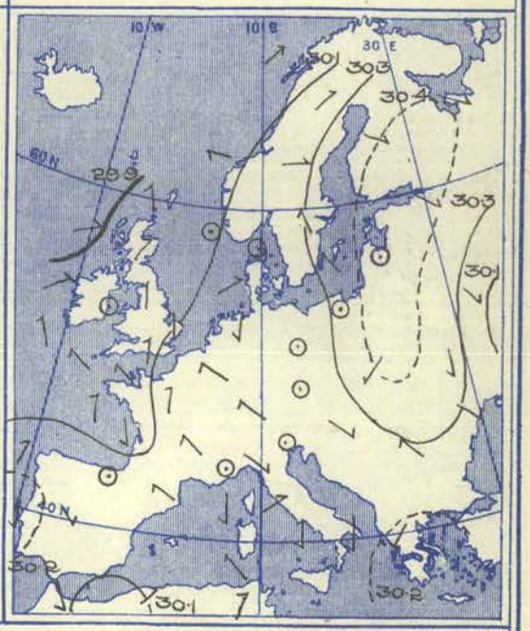
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER in morning fair or fine over the greater part of these Islands and the Continent, but foggy on our north-east coasts, and misty at several places in the west and south. Dull over Northern Russia; snow falling at Bodö. Thunderstorms, or thunder only, occurring during the day over England, and also in the west and south of France; accompanying rainfall very slight in this country, but amounting to as much as 2·3 ins. at Cape Bearn and 2·0 ins. at Perpignan.

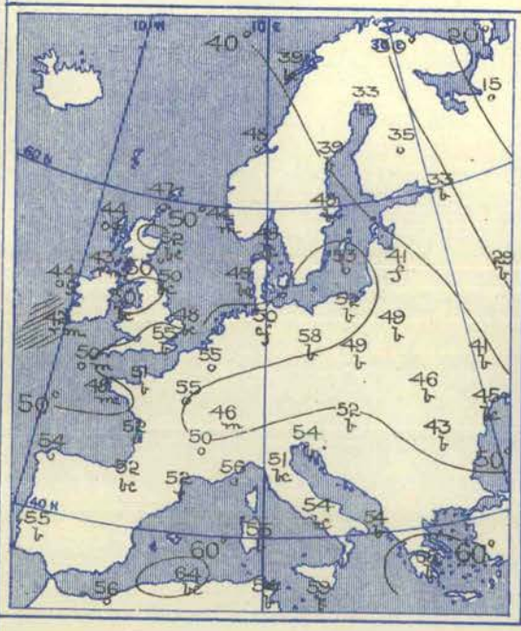
TEMPERATURE risen in most places, but fallen over the northern and central parts of Great Britain and also in Scandinavia. Morning readings highest 64° at Patras, 63° at Cagliari and 62° at Athens; above 55° in many parts of Southern Europe, and only slightly below that level in the south-east of England. Below the freezing point in the extreme northern parts of Russia and Scandinavia, and below 40° over Central Scotland. Rising during day to between 65° and 70° in many parts of England and France, and reaching 75° at Dunkirk and Charleville, but exceeding 70° in very few parts of Southern Europe.

WIND calm or variable over the greater part of the United Kingdom and the North Sea, but light from the South-eastward in Germany and the Netherlands, and from the Eastward over the Channel and the north of France. North-westerly in Russia, and Northerly in Italy, but variable in Austria, as well as in Spain and the south of France. A light breeze from the Southward or South-westward springing up later in nearly all parts of the United Kingdom.

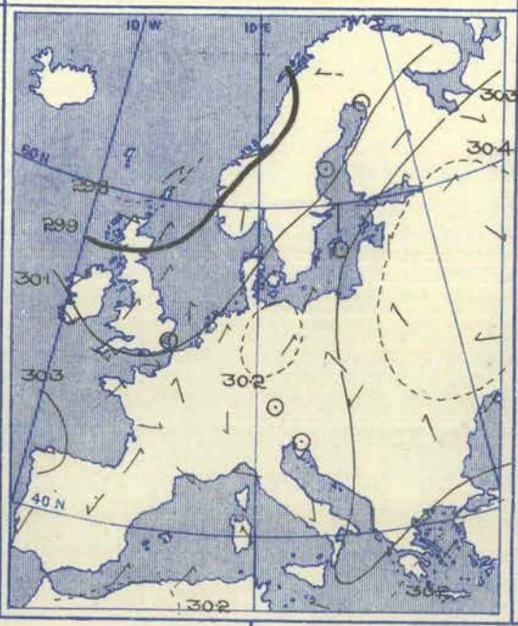
BAROMETER highest, 30·4 ins. and upwards, over Sweden, the Baltic and Western Russia; 30·2 ins. and upwards, in an anticyclone covering the whole of northern and central and a considerable portion of southern Europe. Lowest 29·4 ins. and less, in a deep depression moving South-eastwards across Northern Russia. Distribution rather irregular over these Islands in early part of day; barometer falling decidedly in north later on, and a shallow depression appearing off the west and north of Scotland in evening.

Friday, 13th April, 1906.

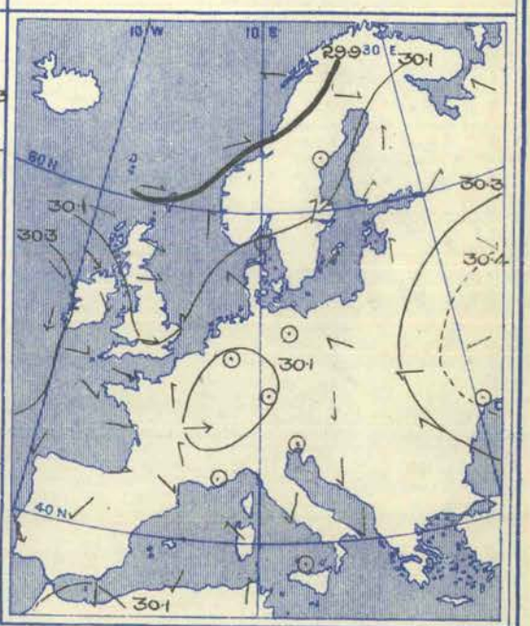
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine and bright in all parts of our area except the extreme north of Scotland and the greater part of Ireland. Rain falling at Valencia Island, Malin Head, and Stornoway. Slight showers of snow or sleet later in the north of Scotland and of rain in many other parts of the United Kingdom, with thunder in many English localities.

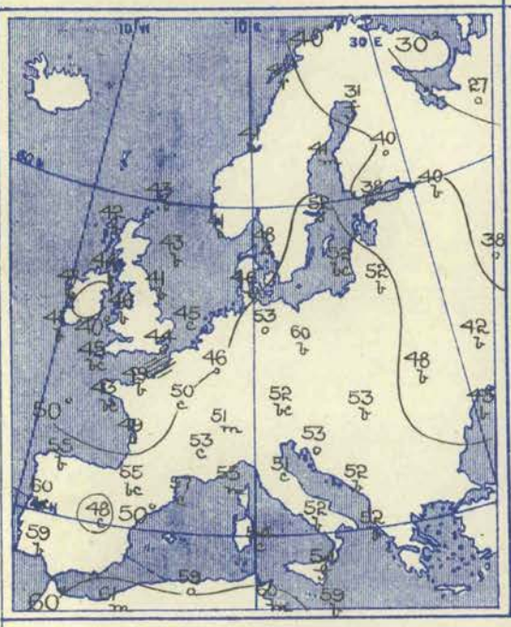
TEMPERATURE risen over Great Britain and Scandinavia, fallen or changed irregularly elsewhere. Readings in morning ranging from 65° at Athens and 64° at Algiers to below 50° in most parts of our Islands and the Continent, and to below 20° in the extreme north-east. Maxima during day 77° at Frankfort, 75° at Berlin, 70° in London, and a degree or two higher at some stations in the far south of our area. Thermometer rising to 66° at Wisby and to 64° at Stockholm.

WIND in morning anticyclonic over nearly all parts of the Continent, but cyclonic (between North-West and South-West) over the United Kingdom. Scarcely any force beyond a moderate breeze over the whole of our area. Becoming North-Westerly in most parts of our Islands later and increasing to a fresh or strong breeze in Ireland and the western districts of England. Little change elsewhere.

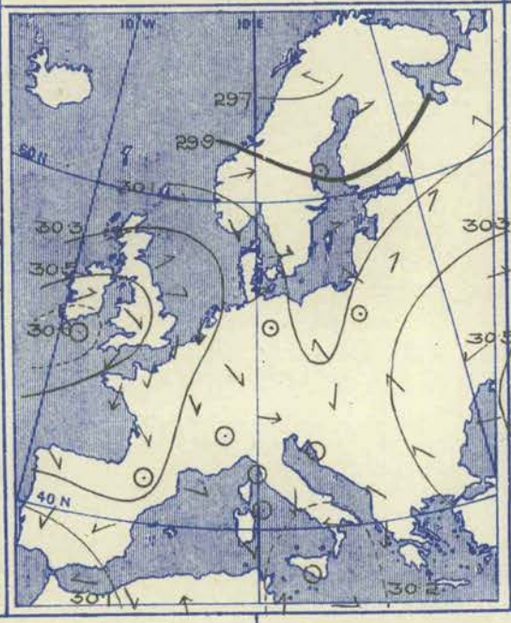
BAROMETER at 8 a.m. as high as 30·4 ins. and upwards in a large anticyclone over Russia and above 30·3 ins. in another system extending from the ocean to the north-west of Spain. Readings decreasing to 30·2 ins. and less over Greece, to 30·1 ins. over western Algeria, and to less than 29·8 ins. off the north of Scotland. Relatively low in a depression of the V shaped type over these Islands. Latter travelling eastwards during day and pressure increasing briskly over Ireland and Scotland on the approach of another anticyclone from the Atlantic.

Saturday, 14th April, 1906.

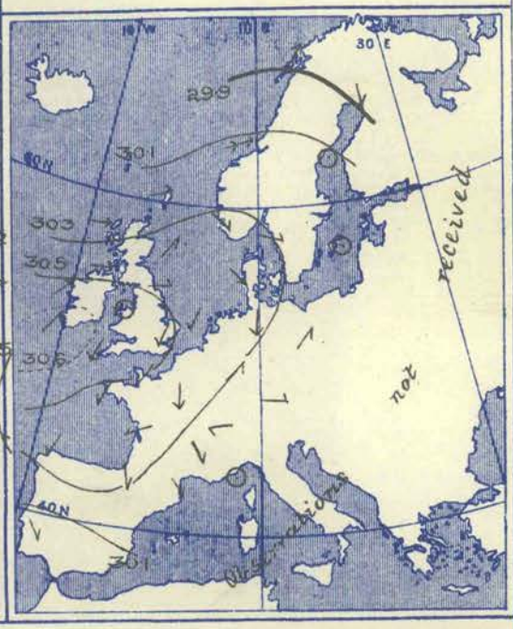
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. very fine and bright over our area as a whole, but cloudy or dull in Algeria and in various parts of France and Scandinavia, with rain at Bodö, and fog at Haparanda and Faerder. Rain later in the Shetlands and on the west coast of Norway, as well as in some parts of Germany and at Belfort. Thunder heard at Lyons.

TEMPERATURE fallen generally, risen in Russia and central Europe. Morning readings about 60° at several stations in the extreme south, and at Frankfort and Berlin; below 45° in most parts of these Islands and in the north and east of the Continent, and as low as 27° at Archangel. Frost during the night over the inland parts of England, sheltered thermometer falling to 29° at Bath and Oxford, and to 30° at Nottingham. Rising subsequently to above 70° in Germany, to about 60° in many parts of France, to 72° at Lisbon and 71 at Perpignan. Highest in our islands, 63° at Bournemouth.

WIND at 8 a.m. light from the Westward on our north-west coasts, and drawing into North at some Scottish stations and over England and France. Mainly Westerly over Scandinavia, strong at Christiansund, and drawing into South-West in Finland. Light to fresh from the eastward over the greater portion of the Spanish Peninsula, but light and variable over southern Europe generally. Little change later beyond some increase in the force of the Westerly wind on our north-west coasts.

BAROMETER in morning above 30·6 ins. in an anticyclone extending over the south-west of Ireland from the Atlantic, and above 30·4 ins. over nearly the whole of the United Kingdom; above 30·4 ins. over the southern half of Russia also. Below 30·1 ins. over Morocco and the adjacent portion of Europe, and less than 29·7 ins. in the extreme north of Norway. Relatively low in a V-Shaped depression extending from Sweden to Prussia. No material change later.

IV.—BRIGHT SUNSHINE Values for the Week, in addition to those found on page 86.

	STATIONS.	No. of Hours recorded.	Difference from the Mean for the Week.	Percentage of Possible Duration	Difference from the Mean for the Week.
1.	Crathes	73·5	—	77	—
	Balruddery	60·9	—	63	—
2.	Saltburn-by-the-Sea	62·8	—	66	—
3.	Cromer	63·9	—	67	—
	Dunmow	63·1	—	67	—
	London, Bunhill Row	55·8	+ 30·1	59	+ 32
4.	Sheffield	50·7	—	53	—
5.	Margate	58·3	+ 23·3	62	+ 25
	Ramsgate	67·1	—	71	—
	Eastbourne	63·2	+ 24·3	67	+ 26
	Brighton	61·5	+ 22·9	65	+ 24
	Worthing	68·8	—	73	—
	Bognor	68·4	—	73	—
	Ventnor Hospital	69·6	+ 29·0	74	+ 31
7.	Southport	55·1	—	58	—
	Rhyl				
	Aberdovey	64·3	—	68	—
8.	Aberystwyth	63·7	—	68	—
	Tenby	73·2	+ 32·2	78	+ 34
	Torquay	76·8	+ 37·6	82	+ 40
	Newquay				

V.—OBSERVATIONS IN THE UPPER AIR.—Temperature, Humidity and Wind Velocity.

Date of Observation.	Station and its Height above M.S.L.		Heights in feet above Mean Sea Level. Ground Level.	1,660.	3,320.	5,000.	6,660.	8,320.	10,000.	Remarks.
1906. April 10th. 2.40 p.m. to 4.45 p.m.	Oxshott, 200 ft.	Temperature F.	58°	51°	45°	39°	35°			Two kites. Wire 10,200 ft. Max. height 7,400 ft. Temp. 35°. Sky cloudless. Strong NE wind, calm in early morning and evening.
		Humidity	50	50	50	45	15			
		Wind Velocity, m. per hr.	NE, 20	NE by E, 25	ENE, 22	ENE, 20	E by N, 25			
April 14th, 3.20 p.m. to 5.40 p.m.	Oxshott, 200 ft.	Temperature F.	50°	44°	37°	28°	22°			Two kites. Wire 9,900 ft. Max. height 6,800 ft. A few detached clouds above 5,000 ft. high.
		Humidity	50	45	60	70	60			
		Wind Velocity, m. per hr.	NNE, 15	— 25	NE by N, 22	— 22	NNE, 25			
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								

63, Victoria Street, London, S.W.
April 18th, 1906.

W. N. SHAW,
Director.

ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE,

AND PUBLISHED FOR H.M. STATIONERY OFFICE BY WYMAN AND SONS, LTD., FETTER LANE, E.C., AND 32, ABINGDON STREET, WESTMINSTER, S.W.; OR OLIVER AND BOYD, EDINBURGH; OR E. PONSONBY, 116, GRAFTON STREET, DUBLIN.

TWENTY-NINTH YEAR. Vol. XXIII. (New Series.) No. 16. SIXTEENTH WEEK, ENDING SATURDAY, APRIL 21ST, 1906. [Price 6d. Annual Subscription post paid £1 10s. 0d.

I.—GENERAL REMARKS.

Weather was mostly unsettled in Ireland and Scotland, and generally fair or very fine over England. In the north and north-west many of the showers consisted of hail, sleet, or snow. On Saturday thunder was heard at Glencarron.

Temperature was below the average, the deficit being as much as 3°5 in England S. and 3°9 in Scotland N. The highest of the maxima were recorded rather early or at the end of the week, and ranged from 67° in England S., and 66° in England E. and S.W. to 60° in the Channel Islands and 56° in Scotland N. On several days the maxima were below 50° over a considerable portion of the Kingdom. The absolute minima, registered generally about the middle of the week, were very low for the time of year. In Scotland E. the thermometer fell to 21°, in England S. and S.W. to 22°, and in Scotland N. and Ireland N. to 23°, while elsewhere the lowest values varied from 24° in England E. to 28° in Scotland W. and to 38° in the Channel Islands.

Rainfall exceeded the average in Ireland N. and over Scotland, but was again deficient in all other districts.

Bright Sunshine was in excess of the average except in Scotland N. The percentage of the possible duration ranged from 58 in England S.W. and the Channel Islands to 40 in Scotland W. and Ireland N., and to 30 in Scotland N.

Barometer and Wind.—At the commencement of the week the central part of a large anticyclone lay over England and the wind was Westerly or South-Westerly on all except our most southern coasts. By Monday pressure had given way considerably and the distribution had become somewhat modified, but the wind continued to blow mainly from the Westward. From Tuesday till Thursday the barometer was highest on the Atlantic off the west of Ireland, and lowest in a depression that travelled north-eastwards from the Spanish Peninsula to central Europe. North-Easterly to Northerly winds consequently prevailed over these Islands: on the 19th they blew freshly or strongly in most parts of England, and reached gale force on the shores of the Channel. This disturbance was followed closely by an anticyclone, which by the end of the week extended from the Atlantic to central Europe, while an extensive low pressure system had appeared off our northern coasts, and the winds over the United Kingdom were coming from between W. and S.W.

SUMMARY OF TEMPERATURE, RAINFALL, AND DURATION OF BRIGHT SUNSHINE IN THE UNITED KINGDOM, FOR AGRICULTURAL AND SANITARY PURPOSES.

THE WEEK (16th)—April 15th to April 21st, 1906.

DISTRICTS. (See p. 92.)	Temperature. Highest.	Lowest.	Means of: Daily Max.	Daily Min.	Daily Mean.	Difference from Av. (35 Yrs.)	Accumulated. Number of Day-Degrees. Above 42°	Difference from Av. (25 Yrs.)	Below 42°	Difference from Av. (25 Yrs.)	Rainfall. Number of Rain-Days.	Diff. from Av. (35 Yrs.)	Total Fall.	Difference from Average (35 Yrs.)	Sunshine. Hours recorded.	Diff. from Av. (25 Yrs.)	Percentage of Possible Duration.	Diff. from Av. (25 Yrs.)
	°	°	°	°	°	°	Day-deg.	Day-deg.	Day-deg	Day-deg.			Inches.	Inches.			%	%
0. SCOTLAND, NORTH ..	56	23	46·2	33·8	39·7	− 3·9	12	−15	30	+ 13	6	+ 2	1·82	+1·14	30	− 4	30	− 4
Eastern 1. SCOTLAND, EAST ..	65	21	50·5	34·9	42·3	− 1·6	32	− 1	20	+ 3	5	+ 1	0·93	+0·47	44	+ 12	44	+12
Eastern 2. ENGLAND, N.E. ..	65	27	54·1	36·1	44·7	− 0·5	44	+12	17	+ 5	3	0	0·12	−0·27	49	+ 14	49	+14
Eastern 3. ENGLAND, EAST ..	66	24	54·8	35·2	44·5	− 2·1	46	+ 4	19	+ 7	3	0	0·15	−0·22	47	+ 11	49	+11
Eastern 4. MIDLAND COUNTIES	65	25	55·2	33·9	44·1	− 2·2	49	+ 5	23	+ 10	2	− 1	0·08	−0·35	45	+ 8	46	+ 8
Eastern 5. ENGLAND, SOUTH ..	67	22	53·6	34·8	43·8	− 3·5	43	− 3	20	+ 13	2	− 1	0·25	−0·16	49	+ 8	50	+ 8
Western 6. SCOTLAND, WEST ..	61	28	51·9	36·6	43·9	− 1·6	36	0	15	+ 3	5	+ 2	0·94	+0·31	40	+ 3	40	+ 3
Western 7. ENGLAND, N.W. ..	62	25	52·3	36·2	43·9	− 2·3	38	0	16	+ 8	3	0	0·23	−0·21	52	+ 16	53	+16
Western 8. ENGLAND, S.W. ..	66	22	53·7	35·7	44·3	− 2·7	43	0	18	+ 13	2	− 1	0·10	−0·47	56	+ 18	58	+18
Western 9. IRELAND, NORTH ..	61	23	51·1	38·4	44·4	− 1·6	32	− 6	10	+ 2	6	+ 2	0·57	+0·05	39	+ 5	40	+ 5
Western 10. IRELAND, SOUTH ..	63	25	54·1	37·2	45·2	− 2·4	43	− 3	13	+ 8	4	0	0·15	−0·48	49	+ 9	50	+ 9
11. CHANNEL ISLANDS..	60	38	52·3	42·4	47·1	− 1·9	36	−15	0	− 1	3	0	0·23	−0·28	56	+ 12	58	+12

THE SEASON (**Spring**).—Aggregates, &c., for the Period of 7 Weeks, March 4th to April 21st, 1906.

0. SCOTLAND NORTH ..	71	8	*	*	*	*	123	+10	215	+ 33	32	+ 2	6·63	+0·65	207	+ 24	33	+ 4
Eastern 1. SCOTLAND, EAST ..	72	11	*	*	*	*	178	+30	205	+ 13	26	+ 1	3·29	−0·15	256	+ 57	41	+ 9
Eastern 2. ENGLAND, N.E. ..	70	18	*	*	*	*	209	+51	156	+ 5	21	− 3	1·47	−1·23	279	+ 72	45	+12
Eastern 3. ENGLAND, EAST ..	72	24	*	*	*	*	221	+14	135	− 22	20	− 3	1·44	−1·06	277	+ 55	45	+11
Eastern 4. MIDLAND COUNTIES	72	18	*	*	*	*	257	+41	155	− 8	19	− 4	1·43	−1·49	255	+ 56	42	+ 9
Eastern 5. ENGLAND, SOUTH ..	72	22	*	*	*	*	221	+ 2	124	+ 10	20	− 2	1·82	−1·11	284	+ 58	46	+ 9
Western 6. SCOTLAND, WEST ..	71	18	*	*	*	*	200	+40	137	0	20	− 6	4·34	−1·05	249	+ 46	40	+ 7
Western 7. ENGLAND, N.W. ..	70	16	*	*	*	*	196	+16	134	+ 15	19	− 5	2·93	−0·53	271	+ 84	44	+14
Western 8. ENGLAND, S.W. ..	68	19	*	*	*	*	226	+14	120	+ 31	18	− 6	2·54	−1·06	300	+ 86	49	+14
Western 9. IRELAND, NORTH ..	67	20	*	*	*	*	185	− 1	121	+ 9	29	− 1	3·75	−0·27	225	+ 32	37	+ 5
Western 10. IRELAND, SOUTH ..	67	25	*	*	*	*	246	+13	85	+ 1	23	− 3	2·82	−1·82	253	+ 28	41	+ 5
11. CHANNEL ISLANDS..	66	31	*	*	*	*	235	−24	36	+ 5	21	− 5	1·82	−1·85	317	+ 58	52	+10

THE YEAR.—Aggregates, &c., for the period of 16 Weeks, December 31st, 1905, to April 21st, 1906.

0. SCOTLAND, NORTH ..	71	8	*	*	*	*	141	−38	556	+ 52	84	+11	19·71	+4·04	310	+ 34	27	+ 3
Eastern 1. SCOTLAND, EAST ..	72	11	*	*	*	*	215	−14	535	− 22	62	+ 3	8·28	−0·28	419	+ 91	37	+ 8
Eastern 2. ENGLAND, N.E. ..	70	18	*	*	*	*	265	+23	417	− 41	58	+ 3	5·55	−0·77	435	+ 90	37	+ 8
Eastern 3. ENGLAND, EAST	72	23	*	*	*	*	299	− 3	384	−114	61	+ 6	7·04	+1·05	433	+ 91	37	+ 8
Eastern 4. MIDLAND COUNTIES	72	18	*	*	*	*	336	+12	431	− 77	59	+ 4	7·34	+0·13	397	+ 82	34	+ 7
Eastern 5. ENGLAND, SOUTH ..	72	20	*	*	*	*	354	+15	325	− 51	65	+ 9	9·28	+1·70	461	+ 96	39	+ 8
Western 6. SCOTLAND, WEST ..	71	14	*	*	*	*	262	+ 8	371	− 22	65	− 1	15·23	+0·75	392	+ 84	34	+ 7
Western 7. ENGLAND, N.W. ..	70	16	*	*	*	*	273	− 9	341	− 32	62	+ 3	11·49	+2·55	402	+103	34	+ 9
Western 8. ENGLAND, S.W. ..	68	19	*	*	*	*	378	+11	300	+ 15	65	+ 5	14·12	+2·87	460	+113	39	+10
Western 9. IRELAND, NORTH ..	67	20	*	*	*	*	283	−30	327	− 9	84	+12	12·42	+2·04	374	+ 63	32	+ 5
Western 10. IRELAND, SOUTH ..	67	24	*	*	*	*	434	+12	247	− 5	75	+ 9	11·59	−1·06	404	+ 35	34	+ 3
11. CHANNEL ISLANDS..	66	27	*	*	*	*	475	−11	79	− 34	75	+ 9	10·45	+0·44	501	+ 77	42	+ 6

Bright Sunshine.—For certain of the Districts the values of Bright Sunshine in this Table are based on the records from a part only of the Stations included in the Tables under II. and IV. For certain of the Stations Mean Values are not available, and for the Districts containing these Stations the "Difference from Average" is based on the records from a smaller number of Stations than those supplying the values for "Hours Recorded."

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II.—DATA from which the SUMMARY on page 91 has been calculated.

April 15-21, 1906. Districts.	Names of Stations.	Temperature. In Degrees Fahrenheit.								Rainfall.			Bright Sunshine.			
		Highest observed.	Lowest observed.	Averages for the Week.			Difference of Daily Average from Mean for the Week.	Accumulated Heat for the Week (in Day-degrees).		Number of Rain-Days.	Rainfall in the Week.	Difference from the Mean for the Week.	Number of Hours recorded.	Difference from the Mean for the Week.	Percentage of possible duration.	Difference from the Mean for the Week.
				Of Highest each day.	Of Lowest each day.	For whole of each day.		Above 42°	Below 42°							
		°	°	°	°	°	°	Day-deg	Day-deg		Inches.	Inches.	Hrs.	Hrs.	%	%
0. SCOTLAND, N.	†Sumburgh Head (Deerness)	48	27	43·1	34·0	38·3	− 3·2	3	27	6	1·29	+ 0·82	44·0	+ 8·8	43	+ 9
	Wick	56	24	46·6	33·4	39·7	− 3·6	13	31	7	0·85	+ 0·44	*	*	*	*
	†Lairg (Strathpeffer)												25·1	− 8·6	25	− 9
	Stornoway	50	26	46·7	34·1	40·1	− 3·3	13	29	4	0·41	− 0·20	26·0	− 12·0	26	− 12
	Glencarron	47	23	44·7	32·7	38·4	− 4·6	8	32	6	4·10	+ 2·90	*	*	*	*
	Fort Augustus	51	24	48·2	33·8	40·7	− 4·0	17	31	6	1·85	+ 1·33	24·4	− 3·0	24	− 3
	Fort William	50	25	47·7	34·5	40·8	− 4·5	16	28	6	2·43	+ 1·56	*	*	*	*
1. SCOTLAND, E.	Nairn	57	27	49·1	33·4	40·9	− 3·4	20	33	6	1·36	+ 1·06	*	*	*	*
	Aberdeen	61	30	50·7	36·4	43·2	− 0·9	32	16	3	0·70	+ 0·20	55·9	+ 19·1	56	+ 19
	Balmoral	53	21	47·7	33·4	40·2	− 0·7	16	32	5	1·15	+ 0·64	*	*	*	*
	Clathick	54	23	50·8	33·6	41·8	− 3·3	25	33	7	1·02	+ 0·49	*	*	*	*
	†Leith (Edinburgh)	59	31	53·1	39·1	45·8	+ 0·3	39	8	4	0·65	+ 0·32	37·5	+ 8·2	38	+ 8
	Marchmont	65	27	51·7	33·3	42·1	− 1·3	37	24	5	0·67	+ 0·13	40·6	+ 7·0	41	+ 7
2. ENGLAND, N.E. Northern part.	†Alnwick Castle (Cockle Park)	61	29	53·2	36·4	44·4	+ 0·9	40	16	3	0·35	− 0·14	44·3	—	45	—
	†Shields (Newcastle)	63	31	53·3	35·4	43·9	− 0·5	41	18	3	0·03	− 0·34	32·7	+ 6·9	33	+ 7
	Durham	61	27	53·5	33·8	43·2	− 1·0	43	23	2	0·09	− 0·33	48·2	+ 16·2	49	+ 16
	Scarborough	65	37	56·2	39·5	47·5	+ 2·7	49	7	2	0·04	− 0·36	52·6	—	53	—
	York	60	30	54·1	34·5	43·8	− 2·4	44	21	2	0·06	− 0·34	44·8	+ 12·1	45	+ 12
Southern part.	†Spurn Head (Skegness)	61	35	51·9	39·1	45·2	+ 0·2	35	8	3	0·11	− 0·19	46·2	—	47	—
	Lincoln	63	29	55·9	35·3	45·1	− 1·8	50	19	2	0·14	− 0·24	*	*	*	*
	†Fulbeck (Rauceby)	60	28	54·6	34·6	44·1	− 2·1	46	21	3	0·15	− 0·24	53·3	—	54	—
3. ENGLAND, E. Northern part.	Hillington	65	25	58·1	32·7	44·8	− 1·4	59	26	3	0·14	− 0·27	46·0	+ 9·2	47	+ 9
	†Yarmouth (Lowestoft)	64	33	52·3	38·0	44·8	− 0·2	36	11	3	0·15	− 0·23	53·1	—	54	—
	Geldeston	66	27	57·1	35·2	45·6	− 0·3	54	19	4	0·24	− 0·11	46·5	+ 8·0	47	+ 8
Southern part.	Cambridge	63	24	54·9	32·8	43·3	− 3·9	48	26	3	0·16	− 0·19	48·1	+ 10·1	50	+ 10
	Felixstowe	61	30	52·8	36·2	44·1	− 2·5	39	16	1	0·07	—	49·2	—	51	—
	Clacton-on-Sea	61	31	51·3	37·1	43·9	− 3·1	34	14	3	0·20	—	49·8	—	51	—
	Rothamsted	62	26	55·5	32·3	43·3	− 2·7	50	27	1	0·06	− 0·36	47·9	+ 12·2	49	+ 13
	†Shoeburyness (Southend)	62	28	54·6	36·1	44·9	− 2·9	45	17	3	0·23	− 0·07	46·1	—	48	—
	London, Westminster	65	30	56·7	36·0	45·9	− 2·2	53	17	3	0·10	—	43·1	+ 15·6	44	+ 16
4. MIDLAND COUNTIES. Eastern part.	Harrogate	58	29	52·5	34·3	43·0	− 1·4	39	22	2	0·05	− 0·44	50·6	—	51	—
	†Bawtry (Worksop)	63	—	56·9	—	—	—	—	—	1	0·03	− 0·35	44·0	+ 12·7	45	+ 13
	Nottingham	61	29	54·7	34·0	43·9	− 2·8	47	22	3	0·08	− 0·31	46·6	—	48	—
	†Colly Weston (Oundle)	65	28	56·0	35·0	45·0	− 1·9	50	20	2	0·07	− 0·32	*	*	*	*
	Birmingham, Edgbaston	63	30	55·4	35·7	45·1	− 0·8	48	18	3	0·18	− 0·25	40·1	—	41	—
	Oxford	64	29	56·4	34·6	45·0	− 2·2	52	21	1	0·07	− 0·32	41·1	+ 4·9	42	+ 5
Western part.	Cheadle	60	30	54·0	34·5	43·8	− 1·2	44	21	4	0·17	− 0·32	*	*	*	*
	Shrewsbury	63	25	56·9	33·9	44·9	− 1·4	54	23	1	0·01	—	*	*	*	*
	Hereford	63	27	55·9	33·0	43·9	− 3·0	51	25	2	0·05	− 0·36	*	*	*	*
	Cirencester	62	25	54·7	31·0	42·4	− 3·3	49	31	1	0·03	− 0·44	43·8	+ 6·4	45	+ 7
	Bath	62	27	55·4	32·7	43·5	− 4·3	50	26	1	0·11	− 0·38	45·9	—	47	—
5. ENGLAND, S.	†London, Brixton (Kew)	—	—	—	—	—	—	—	—	—	—	—	45·1	+ 9·7	47	+ 10
	Wisley, Surrey	65	25	56·7	33·6	44·6	− 3·0	53	24	1	0·01	—	49·2	—	51	—
	Swarraton	63	22	55·3	30·2	42·2	− 3·6	51	33	3	0·12	− 0·32	*	*	*	*
	Tunbridge Wells	64	28	54·8	33·9	43·9	− 2·5	47	23	3	0·46	+ 0·03	51·2	+ 12·6	53	+ 13
	†Dungeness (Littlestone)	54	28	49·6	34·4	41·6	− 5·2	21	29	2	0·21	− 0·09	58·1	—	60	—
	Hastings	57	33	50·9	36·6	43·4	− 3·9	32	15	3	0·81	+ 0·40	51·4	+ 9·9	53	+ 10
	Southampton	67	32	58·0	35·4	46·2	− 2·3	57	18	2	0·08	− 0·37	44·5	+ 4·4	46	+ 5
	†Portland Bill (Bournemouth)	54	35	49·9	39·3	44·4	− 3·7	28	8	2	0·07	—	51·6	—	53	—
6. SCOTLAND, W.	Laudale, Loch Sunart	52	30	49·5	35·5	42·2	− 3·7	29	18	6	1·86	+ 0·92	*	*	*	*
	Glasgow	53	30	48·9	36·3	42·3	− 2·7	26	16	5	1·03	+ 0·54	25·1	− 5·5	25	− 6
	Dumfries	61	28	54·6	36·9	45·3	− 0·3	45	14	4	0·41	− 0·16	*	*	*	*
	Cally	58	28	54·6	36·1	44·9	− 0·3	45	17	5	0·81	+ 0·17	*	*	*	*
	Douglas, Isle of Man	57	32	51·7	38·3	44·7	− 0·9	34	10	5	0·61	+ 0·06	54·7	+ 11·6	55	+ 12
7. ENGLAND, N.W.	Aspatria	57	26	51·6	35·8	43·3	− 2·0	35	17	3	0·18	− 0·29	39·5	—	40	—
	Newton Rigg	59	25	52·2	33·0	42·1	− 2·4	39	25	3	0·26	− 0·22	39·2	+ 3·2	40	+ 3
	Stonyhurst	55	31	50·7	34·4	42·2	− 3·0	33	21	3	0·47	− 0·11	42·7	+ 7·1	44	+ 8
	Blackpool	53	26	50·4	36·3	43·0	− 3·0	31	16	3	0·16	− 0·26	57·9	+ 20·6	59	+ 21
	Manchester, Prestwich	61	29	54·7	34·3	44·0	− 1·7	46	22	2	0·33	− 0·16	48·5	+ 18·1	50	+ 19
	†Liverpool Obs. (Hoylake)	60	31	52·7	37·9	44·9	− 1·9	38	11	1	0·09	− 0·29	63·4	—	65	—
	Hawarden Bridge	62	29	54·9	36·5	45·3	− 1·7	46	15	2	0·05	− 0·23	*	*	*	*
NORTH WALES	Llandudno	57	37	52·6	40·2	46·1	− 1·2	36	5	2	0·28	− 0·13	66·4	+ 29·1	68	+ 30
	Holyhead	55	36	50·9	40·4	45·4	− 1·6	31	4	3	0·25	− 0·20	*	*	*	*
	Bettws-y-Coed	59	26	52·6	32·9	42·3	− 4·4	40	25	3	0·21	—	57·2	—	58	—
8. SOUTH WALES	Llangammarch Wells	59	22	53·5	30·1	41·2	− 3·8	32	46	4	0·13	—	51·2	—	53	—
	Pembroke	51	33	49·6	39·0	44·1	− 2·4	27	8	3	0·03	− 0·44	72·5	+ 30·5	75	+ 31
	Cardiff	58	26	54·2	34·1	43·7	− 4·3	45	22	4	0·07	− 0·50	*	*	*	*
ENGLAND, S.W.	Clifton	60	32	53·2	37·1	44·8	− 2·8	40	14	2	0·11	− 0·42	*	*	*	*
	†Shaftesbury (Marlborough)	64	31	53·8	35·4	44·2	− 1·5	43	18	2	0·18	− 0·39	36·9	+ 2·9	38	+ 3
	Arlington, N. Devon	57	30	52·7	34·3	43·1	− 2·5	40	22	3	0·22	− 0·46	*	*	*	*
	Cullompton	66	27	57·9	34·4	45·6	− 2·5	57	21	2	0·10	− 0·47	46·8	+ 10·2	48	+ 11
	Plymouth	62	33	55·9	36·6	45·8	− 2·9	49	15	0	0·00	− 0·54	53·5	+ 13·5	55	+ 14
	Falmouth	59	37	52·8	40·1	46·2	− 1·8	37	5	2	0·09	− 0·55	60·5	+ 17·5	62	+ 18
9 IRELAND, N. Western part.	Malin Head	52	35	48·0	39·9	43·8	− 1·9	21	6	7	0·41	− 0·03	*	*	*	*
	Edenfel	56	27	51·1	37·6	44·0	− 0·9	32	12	6	0·85	+ 0·28	*	*	*	*
	Blacksod Point	53	32	49·6	41·1	45·2	− 2·2	26	3	5	0·56	− 0·10	*	*	*	*
	Markree Castle	59	23	52·5	36·6	44·2	− 1·9	38	15	5	0·65	+ 0·08	36·7	+ 2·0	37	+ 2
Eastern part.	Armagh	60	27	53·1	36·0	44·1	− 1·6	40	17	5	0·53	+ 0·05	41·6	+ 7·2	42	+ 7
	Donaghadee	61	34	52·0	39·1	45·2	− 0·8	35	8	5	0·44	− 0·01	*	*	*	*
10. IRELAND, S. Eastern part.	†Dublin, City (Phœnix Park)	63	32	54·6	39·1	46·5	− 1·3	44	8	4	0·18	− 0·27	46·7	+ 7·8	48	+ 8
	Kilkenny	60	28	54·7	35·4	44·6	− 2·6	46	18	3	0·06	− 0·44	*	*	*	*
	Waterford	60	30	56·6	35·7	45·7	− 1·1	52	18	2	0·13	− 0·47	*	*	*	*
Western part.	Birr Castle	59	25	53·3	34·6	43·5	− 3·2	42	21	5	0·17	− 0·33	43·0	+ 7·0	44	+ 7
	Foynes	55	29	51·8	38·5	44·8	− 2·6	34	10	4	0·17	− 0·39	*	*	*	*
	Killarney	61	28	56·4	37·1	46·3	− 1·6	51	14	3	0·24	− 0·54	*	*	*	*
	Valencia	55	30	51·9	39·1	45·2	− 3·4	35	8	5	0·19	− 0·69	50·0	+ 12·3	52	+ 13
	†Roches Point (Ballinacurra)	56	34	53·1	38·0	45·2	− 3·1	39	11	2	0·03	− 0·68	56·6	—	58	—
11. ENGLISH CHANNEL	Scilly, St. Mary's	56	41	51·7	44·4	47·9	− 0·9	41	0	4	0·12	− 0·36	60·0	+ 17·4	62	+ 18
	†Jersey, St. Aubins (St. Heliers)	60	38	53·6	41·6	47·3	− 2·2	39	1	3	0·36	− 0·14	54·5	+ 9·4	57	+ 10
	Guernsey	56	38	51·7	41·2	46·2	− 2·7	33	2	2	0·21	− 0·35	54·6	+ 8·4	56	+ 9

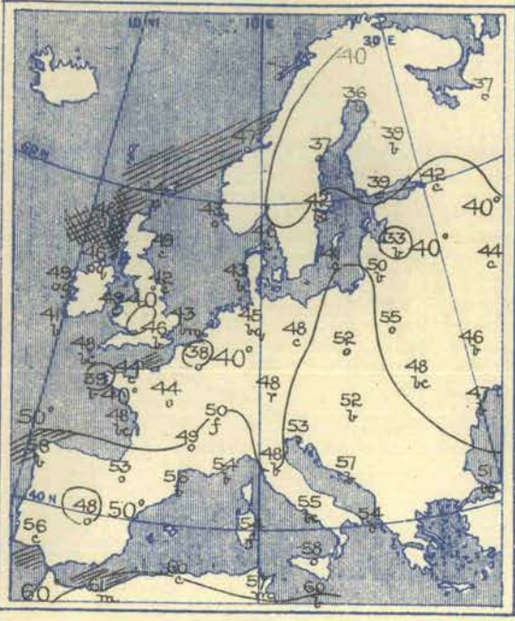
Information for Stations marked ℳ is supplied by the Royal Meteorological Society, and that for Stations marked 𝒮 is supplied by the Scottish Meteorological Society.

* An Asterisk is inserted in all places for which the information is not usually given.

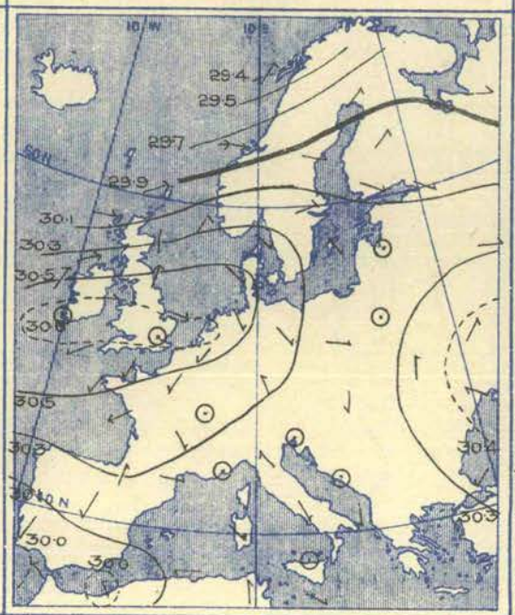
† There is no Sunshine Recorder in use at this Station. The figures entered for Sunshine are those recorded at a neighbouring Station of which the name is given in brackets.

Sunday, 15th April, 1906.

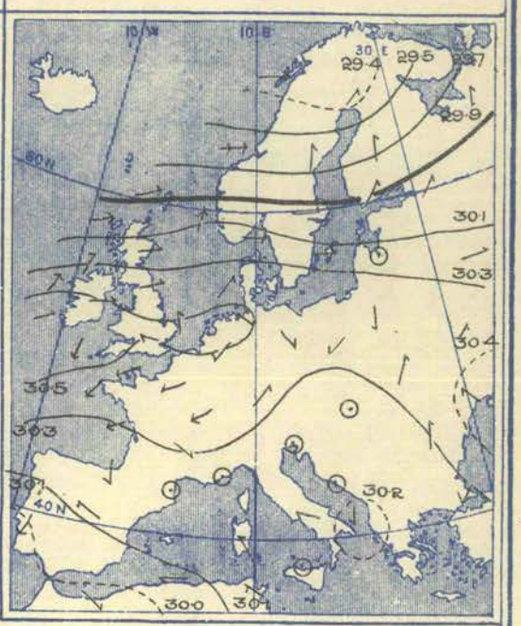
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. cloudy or overcast in a few localities, and rainy at Stornoway and Sumburgh Head, but very fine as a whole. Rain falling later in Norway, at Prague, at Biarritz, and in various parts of the Spanish peninsula, as well as in the north of Scotland. Continuing fine and dry elsewhere.

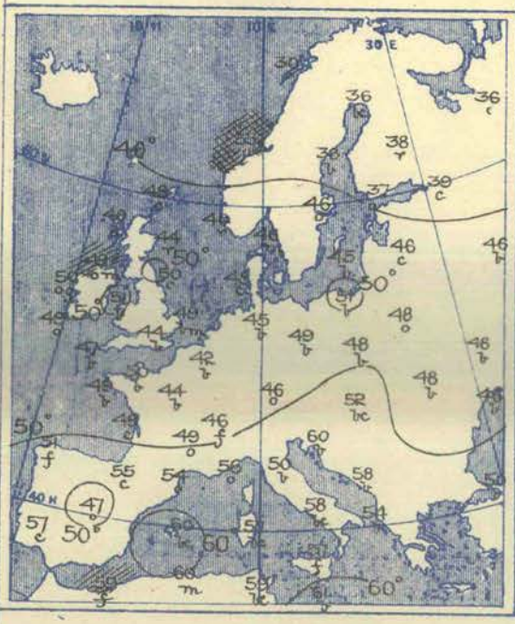
TEMPERATURE showing no decided change; readings in morning as high as 66° at Barcelona and about 60° at a few other southern stations and at Buda-Pesth. Below 50° generally and below 40° at Oxford and in various parts of northern Europe. Maxima during day about 60° at some stations in the north-east and south of these Islands, some degrees higher on the shores of the Mediterranean, and above 70° at Florence, Gap, and in different parts of Austria-Hungary. Thermometer rising no higher than 48° at Clacton-on-Sea, and 49° at Yarmouth and Dungeness.

WIND in morning light or moderate in force generally and circulating anticyclonically, but strong to a gale from the Westward on the west coast of Norway. Strong Westerly winds becoming more general over Scandinavia during day, but little other change occurring.

BAROMETER at 8 a.m. ranging from above 30·6 ins. in an anticyclone having its centre over the southern regions of England and Ireland and above 30·5 ins. in another system over the south of Russia to less than 30·1 ins. over the southern half of Spain and the adjacent portion of Africa, and to 29·4 ins. at Bodö. Scarcely any change later in the general distribution of pressure, but barometer falling in almost all regions except Italy.

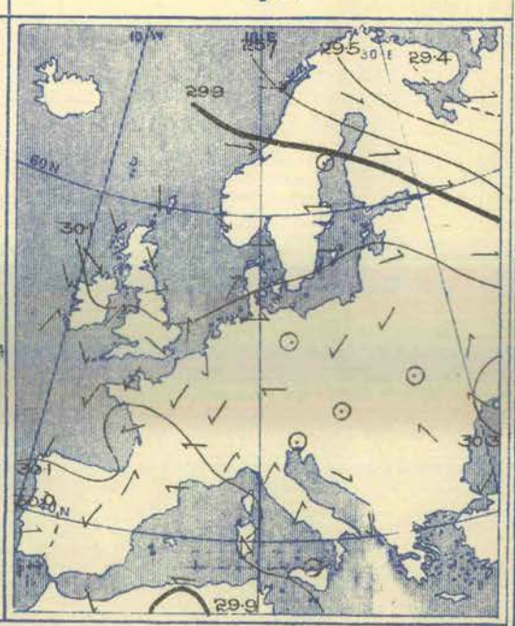
Monday, 16th April, 1906.

Temperature and Weather 8 a.m.



Barometer and Wind. 8 a.m.

Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. dull in Ireland and rainy in Scotland, but very fine over our area generally, except at some stations in Scandinavia and Finland. Heavy rain experienced later at Oporto, more than 0·4 in. of rain and snow in the east of Scotland, and slighter amounts of rain in the west and north of these Islands generally, as well as in certain districts of Scandinavia.

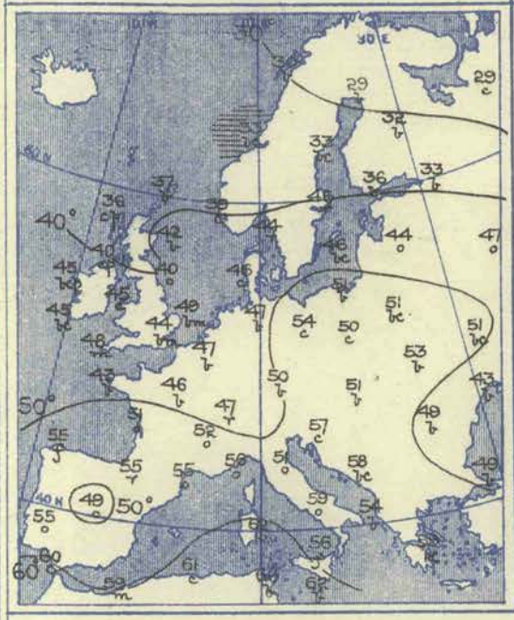
TEMPERATURE fallen in Scotland, Norway and central Europe, rises or changed little elsewhere. Readings in morning about 60° in the extreme south only; decreasing to below 40° in the north of our area, and to as low as 30° at Bodö. Remaining below 45° all day in the north of Scotland, but rising to above 60° in many other parts of our Islands and in Germany, and to above 70° in most regions further south. Highest values 81° at Rochefort and Tuuis.

WIND in morning mainly Westerly over the northern half of our area and Easterly or variable in the south. Fresh or strong in force in many Scandinavian localities, with a gale both at Wisby and Christiansund. A Northerly current setting in later over Scotland and the north of Ireland and gales subsiding in Scandinavia. No other important change.

BAROMETER at 8 a.m. a little above or below 30·4 ins. in a zone extending from the Atlantic eastwards across central Europe to the south of Russia and the Black Sea. Decreasing to less than 30·0 ins. in the south-west of our area, and to less than 29·3 ins. in the extreme north. A rapid recovery of pressure taking place later in the latter region, but barometer falling generally and considerable modification occurring in the general distribution of pressure.

Tuesday, 17th April, 1906.

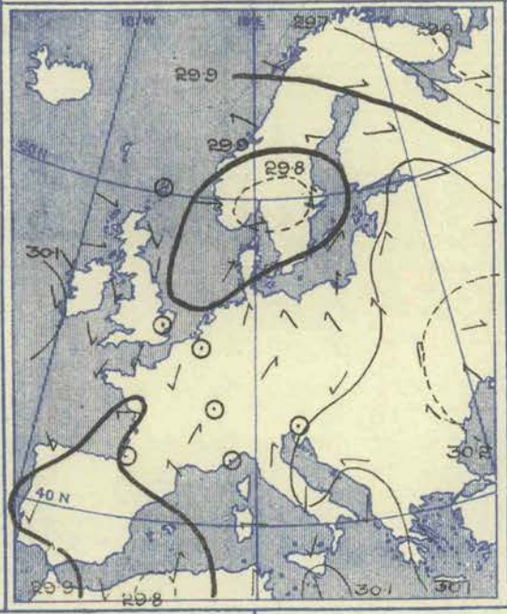
Temperature and Weather. 8 a.m.



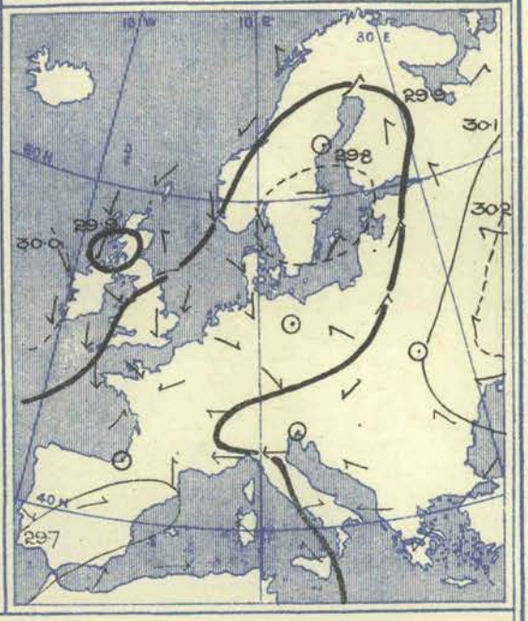
WEATHER at 8 a.m. cloudy or overcast in places, and rainy and misty at Nottingham, but fine and bright over our area as a whole. A considerable amount of rain experienced during day in the west of France and at Lisbon, and smaller quantities of hail, snow, or rain at some stations in the west and north of our Islands.

TEMPERATURE fallen except in a few places locally. Readings in morning as high as 66° at Tunis and about 60° at some other southern stations. Below 45° in nearly all parts of these Islands and below 32° in the far north of Europe. Thermometer rising to about 60° during day in the south of England, to between 60° and 70° in France and central Europe, and to above 70° in many parts of Italy and on the north-west coast of Africa. Highest value 84° at Tunis.

Barometer and Wind. 8 a.m.



6 p.m.

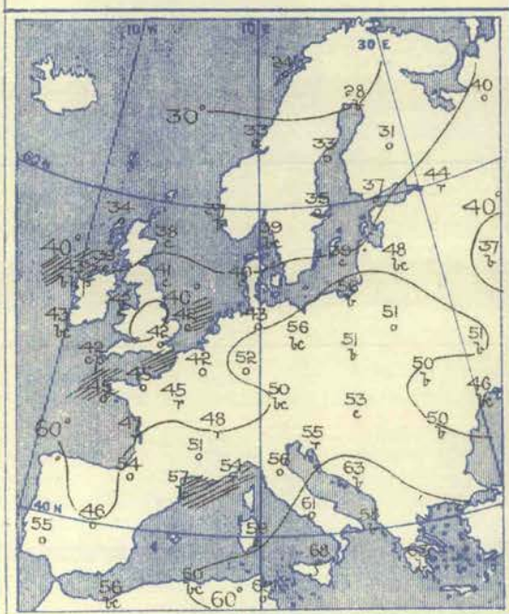


WIND at 8 a.m. showing a cyclonic circulation of little strength over the north-western countries and light anticyclonic airs over the southern half of Russia. Light variable winds prevailing in the southern regions of Europe and Westerly breezes in the far north. A small cyclonic movement setting in later over our northern and north-western districts and some increase in force of the Northerly current prevailing over England and Ireland Wind also increasing in force at some Mediterranean stations.

BAROMETER in morning ranging from above 30·3 ins. in the south of Russia, and 30·1 ins. in the south-west of Ireland to below 29·8 ins. in a depression over the south of Scandinavia, and to less than 29·6 ins. in another system in the most northern part of Russia. Barometer rising rapidly in the latter region during day and falling rather decidedly over the Iberian Peninsula and France. A shallow depression appearing over the west of Scotland.

Wednesday, 18th April, 1906.

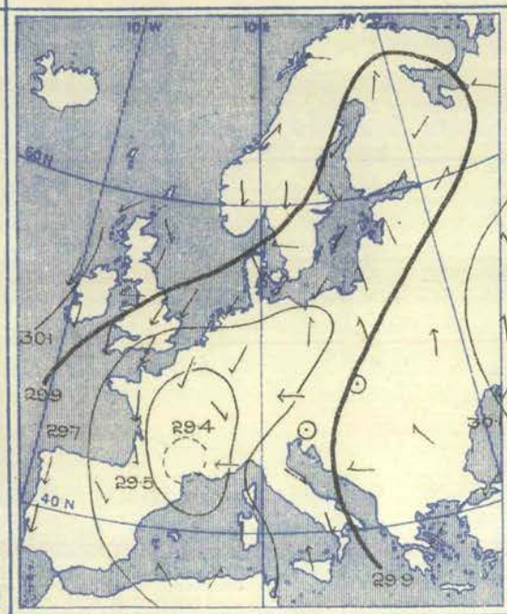
Temperature and Weather. 8 a.m.



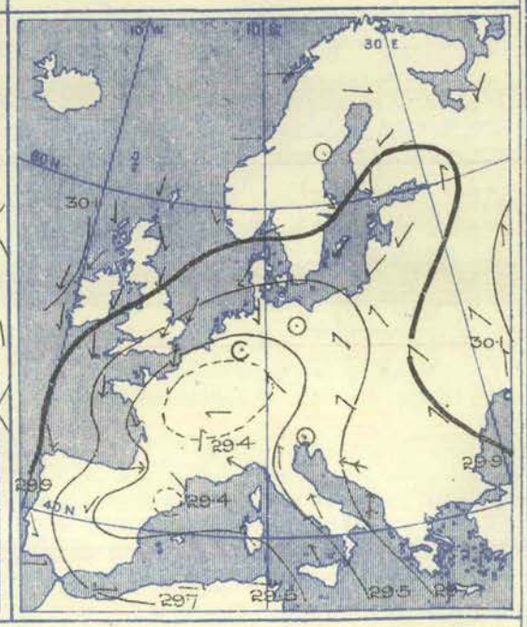
WEATHER at 8 a.m. fine and bright in most parts of Russia, central Europe, Denmark, the south of Scandinavia, and Ireland: overcast over our area as a whole, with rain in France and the north of Italy, as well as at St. Petersburg, and hail showers at Blacksod Point. A little rain later in various parts of the United Kingdom, and large amounts at many French stations, in the Netherlands and Italy. Thunderstorms occurring at Paris and Nancy.

TEMPERATURE fallen except over Italy, the south of Russia, and about the Gulf of Finland. Readings in morning ranging from 68° at Palermo, 66° at Sfax, and 63° at Patras to about 50° over the central regions of the Continent, to less than 40° at several of our own stations, and to below 30° in the north of Scandinavia. Rising to 79° at Sfax during day, to above 70° in Italy and in parts of France and Germany, and at nearly all the Austrian stations. Maxima below 50° over the major portion of these Islands.

Barometer and Wind. 8 a.m.



6 p.m.

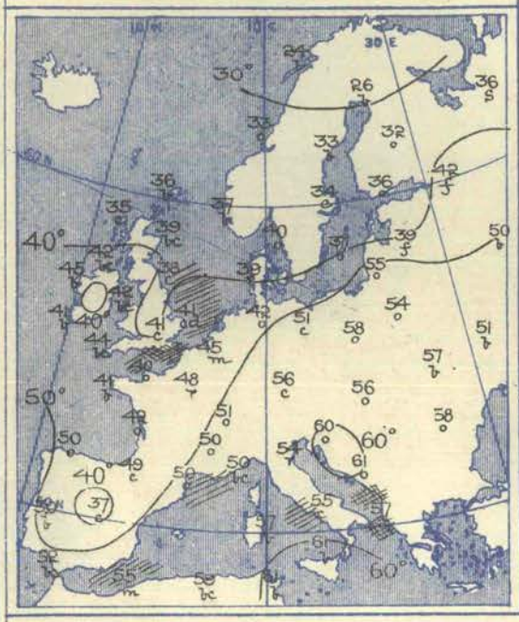


WIND at 8 a.m. showing an extensive cyclonic circulation around the south of France; North Easterly current fresh or strong on our south-east coasts and the English Channel, and that from North blowing a gale at Bilbao. Northerly and North-Easterly winds increasing in force over our Islands later, and attaining the strength of a fresh gale in the Straits of Dover.

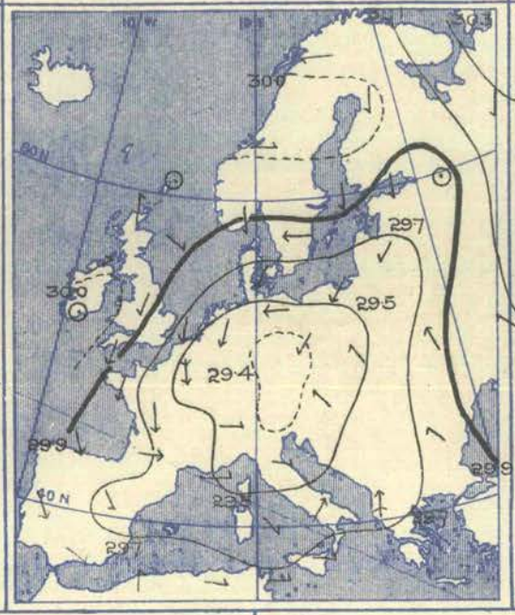
BAROMETER in morning above 30·2 ins. in the southern half of Russia and above 30·1 ins. off the north-west of Ireland. Below 29·4 ins. in the south of France and relatively low in an elongated area extending thence to Finland. French depression travelling north-eastwards later and gradients increasing considerably over England, the Bay of Biscay, and the Spanish Peninsula.

Thursday, 19th April, 1906.

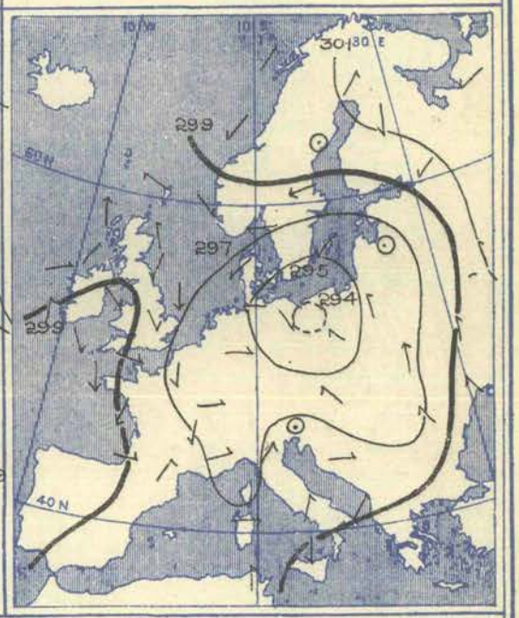
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine and bright in most parts of the United Kingdom, but rainy in the south-east, and unsettled, with snow showers in Caithness. Fine over the greater part of Scandinavia and in the central regions of the Mediterranean; cloudy or dull elsewhere, except at a few places locally, with rain in the northern districts of France and Italy, and also over Holland and at Frankfort, Fanö, and Copenhagen. Various amounts of rain experienced later in most parts of our area, largest falls 0·8 in. at Trieste and Bilbao.

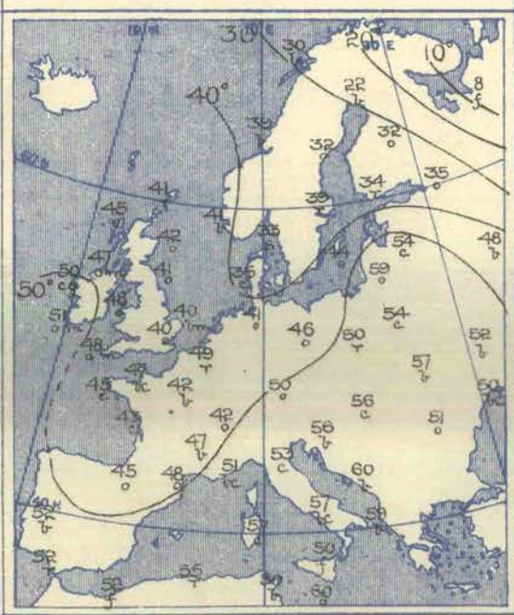
TEMPERATURE changed little and rather irregularly. Morning readings above 50° over the central and southern countries, and about 60° in a few places; below 40° at almost all our own stations and as low as 33° at Wick; below 32° in the north of Scandinavia. Rising during day to 77° at Hermanstadt and to 70° or slightly higher at a few more southern stations. Maxima below 50° over the major portion of these Islands; no higher than 44° at Yarmouth and Margate, and 43° at Folkestone.

WIND in morning circulating cyclonically around central Europe; light or moderate in force generally, but North-easterly current fresh or strong to a slight gale over the English Channel, and that from North strong over the Bay of Biscay and Portugal. Southerly and South-Easterly wind very strong over the Adriatic. Southerly and South-Westerly winds becoming general over our north-western districts by evening and the Northerly current decreasing in force.

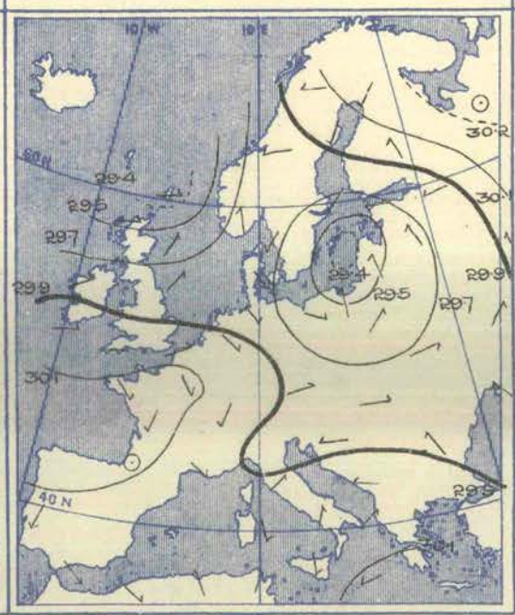
BAROMETER at 8 a.m. 30·3 ins. at Archangel, and above 30·0 ins. over the north of Scandinavia and the south of Ireland; decreasing to 29·64 ins. at Madrid and to less than 29·4 ins. in a depression over Germany. German disturbance travelling north-eastwards during day, an anticyclone spreading over the southern portion of these Islands and France from the westward, and a rather important depression extending over Scotland and the north of Ireland.

Friday, 20th April, 1906.

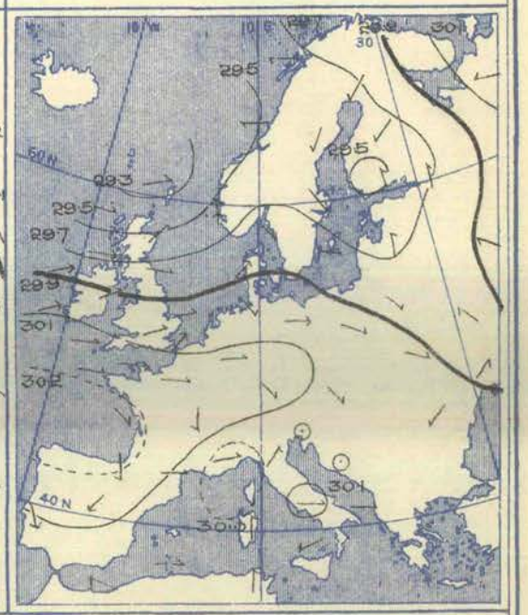
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine and bright in places, mostly in the south and north of our area, but cloudy or quite overcast as a whole, with rain or snow in the south of Scandinavia, and rain in the Shetlands, at Bilbao, and San Fernando, as well as in various parts of Algeria, Belgium, and Germany. Some rain falling later in the west and north of these Islands, and either rain or snow in many parts of northern Europe.

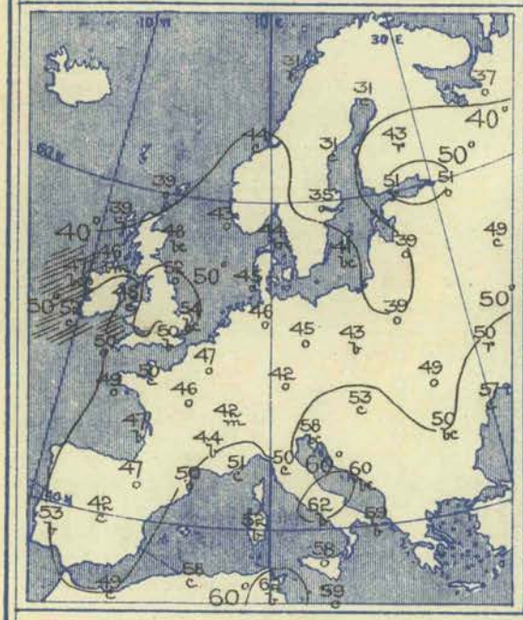
TEMPERATURE risen over the United Kingdom and on the western seaboard of the Continent, fallen in most other regions. Readings in morning about 60° in the southern half of Italy, 59° at Memel, and 57° at Lemberg; decreasing to below 40° at some stations in central France, to below 30° at many in the north-east of Europe, and to 8° at Archangel. Thermometer rising to about 60° later in many parts of Great Britain and to 70° on some shores of the Mediterranean and at Buda-Pesth. Maxima only about 50° in Germany, the Netherlands, and the adjacent portion of France.

WIND at 8 a.m. varying greatly. Mainly Westerly over our Islands and light or moderate in force; a cyclonic circulation of light to strong breezes prevailing around the Baltic, anticyclonic airs over France and the Bay of Biscay, and light or moderate breezes from different directions over the greater part of the Mediterranean. A moderate gale from East reported at Barcelona and from North-West at San Fernando. Increasing somewhat in force over these Islands by evening and a fresh gale from South springing up at Skudesnaes.

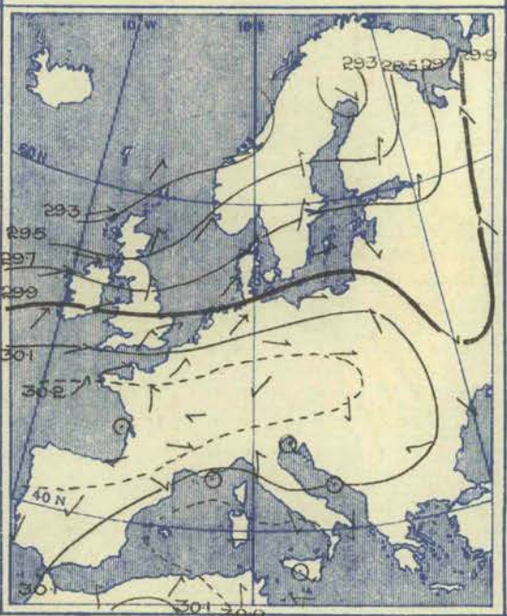
BAROMETER at 8 a.m. above 30·2 ins. in the north and south of Russia, and above 30·1 ins. in an anticyclone over the Bay of Biscay and the west of France, and also at Malta. Below 29·4 ins. in two depressions—one off the north of Scotland, and the other over the Baltic. Southern anticyclone increasing in intensity and extending eastwards to central Europe during day. Cyclonic disturbances moving slowly in a north-easterly direction. Pressure giving way over Russia.

Saturday, 21st April, 1906.

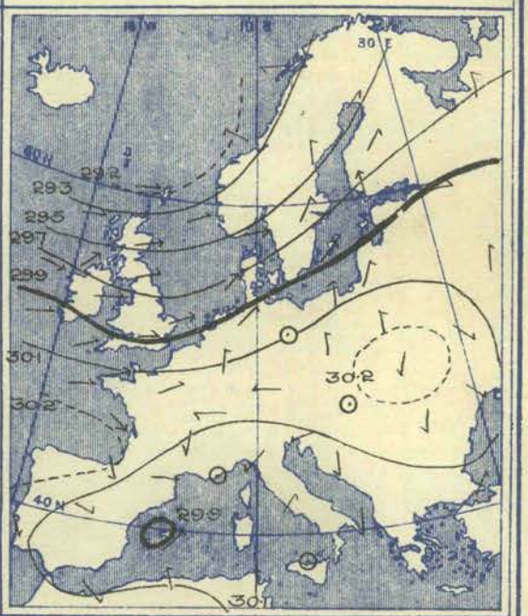
Temperature and Weather. — 8 a.m.



Barometer and Wind. — 8 a.m.



Barometer and Wind. — 6 p.m.



WEATHER at 8 a.m. cloudy or overcast in most places, but fine and bright in most parts of our Islands and on the shores of the Mediterranean. Rainy in Finland and at Kieff and Barcelona, and showery at Blacksod Point. Rain falling later in nearly all British and Irish districts and in various regions on the Continent; amounts not large, generally less than 0·2 in.

TEMPERATURE risen generally except over central Europe; readings in morning ranging from 62° at Naples to about 50° over the greater portion of our Islands, to below 40° at Limoges and at many stations in the north of the Continent, and to 31° at Bodö, Haparanda, and Hernösand. Rising during day to 77° at Naples, and to above 70° in several other parts of Italy, to 75° at Constantinople, 73° at Hermanstadt, 72° at Tunis, and to 68° at Nice. Maxima about 60° at many stations in England, but below 50° in the north of Scotland.

WIND in morning light to fresh or strong from West or North-West over the north-western half of our area, and light or moderate from about North-East over the south of France and the Iberian Peninsula. Light and irregularly cyclonic winds prevailing over the Mediterraneau. Scarcely any change later in day.

BAROMETER in morning above 30·2 ins. in a very extensive anticyclone embracing the Bay of Biscay and stretching thence to the centre of Europe. Below 30·0 ins. in a shallow depression over the Mediterranean, and less than 29·3 ins. in a large disturbance off the north of Scotland and the west of Norway, and in a smaller system in Lapland. Anticyclone continuing to extend eastwards during day, but little modification occurring in the general distribution of pressure. Northern depression travelling slowly towards Scandinavia; that over the Mediterranean growing rather deeper.

IV.—BRIGHT SUNSHINE Values for the Week, in addition to those found on page 92.

STATIONS.	No. of Hours recorded.	Difference from the Mean for the Week.	Percentage of Possible Duration	Difference from the Mean for the Week.
1. Crathes	54·1	—	54	—
Balruddery	32·2	—	32	—
2. Saltburn-by-the-Sea	52·9	—	54	—
3. Cromer	47·5	—	49	—
Dunmow	46·1	—	48	—
London, Bunhill Row	37·7	+ 8·9	39	+ 9
4. Sheffield	47·6	—	49	—
5. Margate	48·2	+ 11·1	50	+ 12
Ramsgate	50·1	—	52	—
Eastbourne				
Brighton	49·9	+ 8·9	52	+ 9
Worthing	53·3	—	55	—
Bognor	54·0	—	56	—
Ventnor Hospital	49·9	+ 6·8	51	+ 7
7. Southport	58·8	—	60	—
Rhyl	60·4	—	62	—
Aberdovey	55·6	—	57	—
Aberystwyth	51·5	—	53	—
8. Tenby	70·9	+ 27·4	73	+ 28
Torquay	56·7	+ 14·9	59	+ 15
Newquay				

V.—OBSERVATIONS IN THE UPPER AIR.—Temperature, Humidity and Wind Velocity.

Date of Observation.	Station and its Height above M.S.L.		Heights in feet above Mean Sea Level. Ground Level.	1,660.	3,320.	5,000.	6,660.	8,320.	10,000.	Remarks.
1906.										
April 18th. 9.50 a.m. to 11.30 a.m.	Oxshott, 200 ft.	Temperature F.	42°	35°	27°	26°				One kite. Wire 7,250 ft. Cloud level about 2,500 ft. Overcast slight inversion at 4,000 ft. Humidity 70.
		Humidity	90	100	90	80				
		Wind Velocity, m. per hr.	NNE, 20	NNE, 35	NNE, 42	— 38				
April 20th, 11.59 a.m. to 12.49 p.m.	Ditcham Park, Petersfield, 400 ft.	Temperature F.	48°	41°						One small kite. Wire 4,080 ft. Max. height 2,600 ft. Temp. 38°. Cloud level just reached.
		Humidity	75	95						
		Wind Velocity, m. per hr.	SW	WSW						
April 20th, 2.43 p.m. to 3.51 p.m.	Ditcham Park. Petersfield, 400 ft.	Temperature F.	48°	42°	38°					Two kites. Wire 5,530 ft. Greatest height 3,750 ft. Temp. 37°. Cloud level about 1,500 ft. In the evening cloud level very near the surface.
		Humidity	90	95	100					
		Wind Velocity, m. per hr.	SW½S							
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								

63, Victoria Street, London, S.W.
April 25th, 1906.

W. N. SHAW,
Director.

WEEKLY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE,

AND PUBLISHED FOR H.M. STATIONERY OFFICE BY WYMAN AND SONS, LTD., FETTER LANE, E.C., AND 32, ABINGDON STREET, WESTMINSTER, S.W.; OR OLIVER AND BOYD, EDINBURGH; OR E. PONSONBY, 116, GRAFTON STREET, DUBLIN.

SUPPLIED FOR THE PUBLIC SERVICE

TWENTY-NINTH YEAR. Vol. XXIII. (New Series.) } No. 17. SEVENTEENTH WEEK, ENDING SATURDAY, APRIL 28TH, 1906. [Price 6d. Annual Subscription post paid £1 10s. 0d.

I.—GENERAL REMARKS.

Weather.—The general character of the weather was less settled than for many weeks past but almost all parts of the Kingdom experienced considerable bright sunny periods. The precipitation was largely composed of snow, sleet and hail. Thunderstorms occurred in many parts of England on Sunday, again at Hastings on Tuesday, and in the north-east of England on Saturday.

Temperature was much below the average in all districts, the defect being only 3°·6 in the Channel Islands, but above 5° over the Kingdom as a whole, and as much as 6° in Scotland N. and 6°·2 in the Midland Counties. The maxima were all below 60°, the highest among them, which were mostly recorded early in the week, ranged from 58° in England S. to 54° in the Channel Islands and Scotland N. and to 53° in Ireland N. The absolute minima were generally registered during the latter half of the week, and were again very low for the time of year. In England S.W. and Scotland N. the thermometer fell to 22°, and in England S. and E., the Midland Counties and Scotland E. to 24°, while elsewhere the values varied from 26° in England N.W. to 33° in Ireland N. and to 37° in the Channel Islands.

Rainfall was in excess of the average in most districts, but slightly deficient in Scotland E. In Scotland N., Ireland N. and the west and north-west of England the excess was rather large, but in the east and south of England it was extremely small.

Bright Sunshine exceeded the average in all districts excepting Ireland N. and Scotland N. The percentage of the possible duration ranged from 54 in England E. and the Channel Islands and 50 in England S. and S.W. to 32 in Scotland N.

Barometer and Wind.—The general type of pressure distribution was Northerly and North-Westerly, the barometer being highest off our west and south-west coasts. Several of the depressions arriving from the Atlantic extended or travelled south-eastwards over the United Kingdom after producing a temporary current of wind from the South-Westward on our northern coasts. The Northerly and North-Westerly winds were frequently fresh or strong in the west and south-west, but only occasionally exceeded the force of a strong breeze.

SUMMARY OF TEMPERATURE, RAINFALL, AND DURATION OF BRIGHT SUNSHINE IN THE UNITED KINGDOM, FOR AGRICULTURAL AND SANITARY PURPOSES.

THE WEEK (17th)—April 22nd to April 28th, 1906.

DISTRICTS. (See p. 98.)	Temperature. Highest.	Lowest.	Means of: Daily Max.	Daily Min.	Daily Mean.	Difference from Av. (35 Yrs.)	Accumulated Number of Day-Degrees. Above 42°	Difference from Av. (25 Yrs.)	Below 42°	Difference from Av. (25 Yrs.)	Rainfall. Number of Rain-Days.	Diff. from Av. (35 Yrs.)	Total Fall.	Difference from Average (35 Yrs.)	Sunshine. Hours recorded.	Diff. from Av. (25 Yrs.)	Percentage of Possible Duration.	Diff. from Av. (25 Yrs.)
	°	°	°	°	°	°	Day-deg.	Day-deg.	Day-deg	Day-deg.			Inches.	Inches.			%	%
0. SCOTLAND, NORTH ..	54	22	45·1	32·3	38·4	− 6·0	9	−22	34	+ 20	7	+ 3	0·96	+0·32	34	− 1	32	− 1
Eastern 1. SCOTLAND, EAST ..	57	24	47·6	32·7	39·8	− 5·2	16	−21	34	+ 20	5	+ 2	0·40	−0·05	40	+ 5	38	+ 5
Eastern 2. ENGLAND, N.E. ..	57	27	48·6	34·3	41·1	− 5·2	18	−18	29	+ 20	6	+ 3	0·42	+0·02	48	+ 7	47	+ 6
Eastern 3. ENGLAND, EAST ..	56	24	49·7	35·0	42·0	− 5·8	22	−25	20	+ 10	4	+ 1	0·41	+0·03	54	+ 15	54	+15
Eastern 4. MIDLAND COUNTIES	56	24	49·4	33·7	41·2	− 6·2	21	−28	32	+ 21	5	+ 2	0·52	+0·08	48	+ 7	48	+ 7
Eastern 5. ENGLAND, SOUTH ..	58	24	50·2	35·9	42·7	− 5·6	31	−21	17	+ 12	4	+ 1	0·42	+0·02	50	+ 9	50	+ 9
Western 6. SCOTLAND, WEST ..	57	28	49·2	34·5	41·5	− 5·0	20	−20	29	+ 20	5	+ 2	0·81	+0·18	47	+ 8	46	+ 8
Western 7. ENGLAND, N.W. ..	55	26	47·7	35·5	41·3	− 5·9	16	−20	25	+ 18	5	+ 2	0·81	+0·37	41	+ 5	41	+ 4
Western 8. ENGLAND, S.W. ..	57	22	49·9	36·3	42·8	− 5·4	30	−18	16	+ 12	6	+ 3	0·81	+0·26	50	+ 11	50	+11
Western 9. IRELAND, NORTH ..	53	33	47·9	37·5	42·5	− 4·4	22	−21	13	+ 7	7	+ 3	1·07	+0·54	36	0	35	0
Western 10. IRELAND, SOUTH ..	56	31	51·1	38·5	44·5	− 4·0	32	−19	10	+ 6	6	+ 2	0·72	+0·12	43	+ 2	42	+ 2
11. CHANNEL ISLANDS..	54	37	50·2	42·7	46·3	− 3·6	30	−27	0	− 1	5	+ 2	0·51	+0·02	54	+ 6	54	+ 6

THE SEASON (**Spring**).—Aggregates, &c., for the Period of 8 Weeks, March 4th to April 28th, 1906.

0. SCOTLAND NORTH ..	71	8	*	*	*	*	132	−12	252†	+ 56	39	+ 5	7·55†	+0·93	240	+ 23	33	+ 3
Eastern 1. SCOTLAND, EAST ..	72	11	*	*	*	*	194	+ 9	239	+ 33	31	+ 2	3·69	−0·20	296	+ 62	41	+ 9
Eastern 2. ENGLAND, N.E. ..	70	18	*	*	*	*	227	+33	185	+ 25	27	0	1·89	−1·21	327	+ 78	45	+11
Eastern 3. ENGLAND, EAST ..	72	24	*	*	*	*	243	−11	155	− 12	24	− 2	1·85	−1·03	331	+ 80	46	+11
Eastern 4. MIDLAND COUNTIES	72	18	*	*	*	*	278	+13	187	+ 13	24	− 2	1·95	−1·41	304	+ 63	42	+ 9
Eastern 5. ENGLAND, SOUTH ..	72	22	*	*	*	*	252	−19	141	+ 22	24	− 1	2·24	−1·09	334	+ 67	47	+10
Western 6. SCOTLAND, WEST ..	71	18	*	*	*	*	220	+20	166	+ 20	25	− 4	5·15	−0·87	296	+ 54	41	+ 8
Western 7. ENGLAND, N.W. ..	70	16	*	*	*	*	212	−12	159	+ 33	24	− 3	3·74	−0·16	312	+ 88	43	+12
Western 8. ENGLAND, S.W. ..	68	19	*	*	*	*	256	− 4	136	+ 43	24	− 3	3·35	−1·40	350	+ 97	49	+14
Western 9. IRELAND, NORTH ..	67	20	*	*	*	*	207	−22	134	+ 16	36	+ 2	4·82	+0·27	261	+ 32	36	+ 4
Western 10. IRELAND, SOUTH ..	67	25	*	*	*	*	278	− 6	95	+ 7	29	− 1	3·54	−1·70	296	+ 29	41	+ 4
11. CHANNEL ISLANDS..	66	31	*	*	*	*	265	−51	36	+ 4	26	− 3	2·33	−1·83	371	+ 65	52	+ 9

THE YEAR.—Aggregates, &c., for the period of 17 Weeks, December 31st, 1905, to April 28th, 1906.

0. SCOTLAND, NORTH ..	71	8	*	*	*	*	150	−60	593†	+ 75	91	+14	20·63†	+4·32	344	+ 33	28	+ 3
Eastern 1. SCOTLAND, EAST ..	72	11	*	*	*	*	231	−35	569	− 2	67	+ 4	8·68	−0·33	459	+ 96	37	+ 8
Eastern 2. ENGLAND, N.E. ..	70	18	*	*	*	*	283	+ 5	446	− 21	64	+ 6	5·97	−0·75	483	+ 97	38	+ 8
Eastern 3. ENGLAND, EAST ..	72	23	*	*	*	*	321	−28	404	−104	65	+ 6	7·45	+1·08	487	+106	38	+ 8
Eastern 4. MIDLAND COUNTIES	72	18	*	*	*	*	357	−16	463	− 56	64	+ 6	7·86	+0·21	445	+ 89	35	+ 7
Eastern 5. ENGLAND, SOUTH ..	72	20	*	*	*	*	385	− 6	342	− 39	69	+10	9·70	+1·72	511	+106	40	+ 8
Western 6. SCOTLAND, WEST ..	71	14	*	*	*	*	282	−12	400	− 2	70	+ 1	16·04	+0·93	439	+ 92	35	+ 7
Western 7. ENGLAND, N.W. ..	70	16	*	*	*	*	289	−37	366	− 14	67	+ 5	12·30	+2·92	443	+107	35	+ 8
Western 8. ENGLAND, S.W. ..	68	19	*	*	*	*	408	− 7	316	+ 27	71	+ 8	14·93	+3·13	510	+124	40	+10
Western 9. IRELAND, NORTH ..	67	20	*	*	*	*	305	−51	340	− 2	91	+15	13·49	+2·58	410	+ 62	32	+ 5
Western 10. IRELAND, SOUTH ..	67	24	*	*	*	*	466	− 7	257	+ 1	81	+12	12·31	−0·94	447	+ 36	35	+ 3
11. CHANNEL ISLANDS..	66	27	*	*	*	*	505	−38	79	− 35	80	+11	10·96	+0·46	555	+ 83	43	+ 7

† This value has been altered owing to the receipt of further information.

Bright Sunshine.—For certain of the Districts the values of Bright Sunshine in this Table are based on the records from a part only of the Stations included in the Tables under II. and IV. For certain of the Stations Mean Values are not available, and for the Districts containing these Stations the "Difference from Average" is based on the records from a smaller number of Stations than those supplying the values for "Hours Recorded."

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II.—DATA from which the SUMMARY on page 97 has been calculated.

April 22-28, 1906.		Temperature. In Degrees Fahrenheit.								Rainfall.			Bright Sunshine.			
Districts.	Names of Stations.	Highest observed.	Lowest observed.	Averages for the Week. Of Highest each day.	Of Lowest each day.	For whole of each day.	Difference of Daily Average from Mean for the Week.	Accumulated Heat for the Week (in Day-degrees). Above 42°	Below 42°	Number of Rain-Days.	Rainfall in the Week.	Difference from the Mean for the Week.	Number of Hours recorded.	Difference from the Mean for the Week.	Percentage of possible duration.	Difference from the Mean for the Week.
		°	°	°	°	°	°	Day-deg	Day-deg		Inches.	Inches.	Hrs.	Hrs.	%	%
0. SCOTLAND, N.	†Sumburgh Head (Deerness)	45	31	42·6	33·9	38·0	− 4·4	2	27	7	1·07	+ 0·62	36·6	0·0	35	0
	Wick	47	29	44·3	31·7	37·7	− 6·5	6	36	7	1·17	+ 0·77	*	*	*	*
	†Lairg (Strathpeffer) 𝔖	53	22	47·3	30·4	38·4	− 5·0	15	41	6	0·83	+ 0·30	38·1	+ 2·9	36	+ 3
	Stornoway 𝔖	49	30	45·1	33·6	39·1	− 5·3	9	30	7	0·79	+ 0·20	29·4	− 10·0	28	− 10
	Glencarron 𝔖	47	27	43·0	31·2	36·8	− 7·4	3	36	7	1·58	+ 0·43	*	*	*	*
	Fort Augustus 𝔖	54	28	47·0	32·3	39·3	− 6·4	14	35	6	0·39	− 0·12	29·7	+ 1·2	29	+ 1
	Fort William 𝔖	52	29	46·7	33·0	39·5	− 6·7	13	32	6	0·87	+ 0·05	*	*	*	*
1. SCOTLAND, E.	Nairn 𝔖	53	29	47·4	32·1	39·4	− 6·0	15	36	6	0·23	− 0·08	*	*	*	*
	Aberdeen 𝔖	49	30	46·7	34·3	40·2	− 4·8	13	28	5	0·84	+ 0·34	37·8	− 0·6	36	− 1
	Balmoral (Crathes) 𝔖	48	24	43·4	30·6	36·7	− 5·5	4	39	7	0·58	+ 0·07	35·0	—	34	—
	Clathick (Balruddery) 𝔖	55	27	50·4	31·1	40·3	− 6·0	24	41	2	0·05	− 0·47	43·3	—	42	—
	†Leith (Edinburgh) 𝔖	57	34	51·4	36·7	43·7	− 2·9	34	15	5	0·12	− 0·22	41·5	+ 10·5	40	+ 10
	Marchmont 𝔖	50	28	46·3	31·1	38·3	− 6·1	12	38	3	0·59	+ 0·05	41·0	+ 5·8	40	+ 6
2. ENGLAND, N.E. Northern part.	†Alnwick Castle (Cockle Park)	54	30	47·9	33·2	40·2	− 4·4	17	32	7	0·65	+ 0·16	37·5	—	36	—
	†Shields (Newcastle)	53	31	47·0	33·1	39·7	− 5·5	14	32	7	0·37	− 0·01	25·5	− 1·9	25	− 2
	Durham	53	27	47·5	32·0	39·4	− 6·0	15	36	5	0·41	− 0·01	37·8	+ 4·3	37	+ 4
	Scarborough 𝔐	57	35	49·7	36·0	42·5	− 3·4	29	17	6	0·46	+ 0·05	51·1	—	50	—
	York	53	30	49·2	34·2	41·3	− 5·9	20	30	6	0·36	− 0·04	43·1	+ 8·6	42	+ 9
2. ENGLAND, N.E. Southern part.	†Spurn Head (Saltburn)	53	35	47·6	38·0	42·6	− 3·5	21	11	5	0·45	+ 0·14	42·4	—	42	—
	Lincoln (Skegness)	54	31	50·1	34·3	41·8	− 4·3	23	30	3	0·36	− 0·03	61·2	—	61	—
	†Fulbeck (Rauceby)	52	28	49·5	33·5	41·1	− 6·4	21	32	5	0·31	− 0·09	60·4	—	60	—
3. ENGLAND, E. Northern part.	Hillington 𝔐	55	24	49·7	31·4	40·1	− 7·2	22	39	4	0·56	+ 0·15	58·5	+ 19·4	48	+ 9
	†Yarmouth (Lowestoft)	53	34	47·6	38·0	42·6	− 3·7	21	11	5	0·37	− 0·01	59·1	—	59	—
	Geldeston	54	27	50·0	32·6	40·9	− 6·3	22	36	5	0·42	+ 0·05	54·5	+ 13·4	54	+ 13
3. ENGLAND, E. Southern part.	Cambridge	55	26	51·2	33·3	41·8	− 6·5	26	34	4	0·37	− 0·01	55·6	+ 15·8	55	+ 16
	Felixstowe	55	29	48·7	36·5	42·3	− 5·5	25	15	3	0·36	—	60·7	—	61	—
	Clacton-on-Sea	54	32	48·6	36·6	42·3	− 5·8	25	15	4	0·30	—	61·7	—	62	—
	Rothamsted	55	26	50·2	33·4	41·4	− 5·8	23	33	4	0·45	+ 0·02	49·3	+ 11·7	49	+ 12
	†Shoeburyness (Southend)	55	30	49·6	36·4	42·7	− 6·1	28	16	4	0·44	+ 0·14	49·0	—	49	—
	London (Westminster)	56	32	51·3	36·6	43·6	− 5·6	34	15	5	0·38	—	45·5	+ 15·7	46	+ 16
4. MIDLAND COUNTIES. Eastern part.	Harrogate	52	29	47·5	32·5	39·6	− 5·8	15	34	5	0·70	+ 0·22	40·2	—	39	—
	†Bawtry (Worksop)	55	—	50·6	—	—	—	—	—	4	0·40	+ 0·01	36·9	+ 3·9	37	+ 4
	Nottingham	53	29	49·1	34·4	41·4	− 6·3	20	29	6	0·32	− 0·08	44·6	—	44	—
	†Colly Weston (Oundle)	55	30	51·7	33·1	42·0	− 5·9	27	25	3	0·28	− 0·12	*	*	*	*
	Birmingham, Edgbaston	53	29	47·6	34·3	40·6	− 6·4	16	28	6	0·89	+ 0·44	30·5	—	30	—
	Oxford	56	29	51·6	35·0	42·9	− 5·4	36	20	3	0·18	− 0·21	43·9	+ 5·8	44	+ 6
4. MIDLAND COUNTIES. Western part.	Cheadle (Sheffield) 𝔐	51	29	46·5	32·5	39·2	− 6·7	13	34	5	0·87	+ 0·38	43·7	—	43	—
	Shrewsbury	54	24	49·8	33·8	41·4	− 6·0	22	31	7	0·39	—	*	*	*	*
	Hereford 𝔐	56	27	51·4	34·3	42·4	− 5·3	35	22	6	0·54	+ 0·12	*	*	*	*
	Cirencester	54	26	49·3	32·6	40·6	− 6·3	20	36	7	0·37	− 0·10	50·0	+ 10·5	50	+ 11
	Bath	54	26	49·9	34·1	41·6	− 7·5	22	30	6	0·75	+ 0·27	47·0	—	47	—
5. ENGLAND, S.	Kew												47·7	+ 9·7	48	+ 10
	Wisley, Surrey	56	27	51·8	34·4	42·7	− 6·0	37	21	5	0·32	—	46·0	—	46	—
	Swarraton (Ventnor) 𝔐	54	24	50·1	33·6	41·5	− 5·3	23	33	4	0·26	− 0·18	47·9	+ 2·7	48	+ 3
	Tunbridge Wells 𝔐	55	29	50·0	34·0	41·6	− 5·8	22	31	3	0·42	− 0·01	54·2	+ 13·7	54	+ 14
	†Dungeness (Littlestone)	53	29	49·3	37·1	42·9	− 5·0	27	14	5	0·36	+ 0·06	54·5	—	55	—
	Hastings	54	32	49·7	36·5	42·8	− 5·4	29	15	4	0·51	+ 0·11	53·9	+ 9·7	54	+ 10
	Southampton	58	31	52·6	36·0	43·9	− 5·8	39	17	5	0·24	− 0·21	47·8	+ 5·5	48	+ 6
	†Portland Bill (Bournemouth)	51	36	47·9	39·6	43·6	− 5·6	21	7	4	0·80	—	45·5	—	46	—
6. SCOTLAND, W.	Laudale, Loch Sunart	51	29	46·5	33·7	39·8	− 7·0	13	30	7	1·56	+ 0·65	*	*	*	*
	Glasgow 𝔖	51	33	46·9	35·5	40·9	− 5·2	14	24	4	0·25	− 0·25	38·0	+ 5·7	37	+ 6
	Dumfries 𝔖	55	30	51·6	34·1	42·4	− 4·3	36	22	3	0·28	− 0·28	*	*	*	*
	Cally 𝔖	57	28	54·0	32·7	42·8	− 3·5	45	26	5	0·96	+ 0·32	*	*	*	*
	Douglas, Isle of Man	49	31	47·2	36·5	41·6	− 4·9	15	21	6	1·01	+ 0·47	55·9	+ 10·8	55	+ 11
7. ENGLAND, N.W.	Aspatria	55	30	49·6	34·7	41·8	− 4·5	21	28	3	0·47	− 0·01	42·8	—	42	—
	Newton Rigg	55	26	48·4	31·7	39·7	− 5·9	18	38	6	0·52	+ 0·04	36·3	− 1·8	36	− 2
	Stonyhurst	49	30	45·2	34·1	39·4	− 6·9	9	28	5	1·34	+ 0·76	44·0	+ 6·2	43	+ 6
	Blackpool 𝔐	50	29	46·7	35·2	40·7	− 6·6	13	25	6	0·89	+ 0·46	45·6	+ 6·2	45	+ 6
	Manchester (Prestwich)	51	29	47·0	33·6	40·0	− 6·7	14	31	6	1·50	+ 1·00	35·9	+ 3.2	35	+ 3
	†Liverpool Obs. (Hoylake)	52	35	47·0	37·1	41·8	− 6·1	14	19	6	0·71	+ 0·32	48·3	—	47	—
	Hawarden Bridge (Southport)	53	29	48·5	36·7	42·3	− 5·8	24	15	4	0·42	+ 0·13	46·0	—	45	—
NORTH WALES	Llandudno 𝔐	54	33	48·7	37·8	43·0	− 5·3	25	12	5	0·67	+ 0·26	48·4	+ 8·3	48	+ 9
	Holyhead (Aberdovey)	52	37	47·7	38·4	42·8	− 5·0	21	10	5	0·80	+ 0·36	41·4	—	41	—
	Bettws-y-Coed	52	28	48·1	35·6	41·6	− 6·1	17	25	7	0·74	—	29·3	—	29	—
8. SOUTH WALES	Llangammarch Wells	51	22	48·7	31·9	39·9	− 6·4	19	37	7	0·68	—	43·5	—	44	—
	Pembroke	50	34	48·9	38·6	43·5	− 3·8	25	10	7	0·79	+ 0·34	49·9	+ 5·9	50	+ 6
	Cardiff (Aberystwyth)	54	28	50·6	34·5	42·2	− 6·9	33	21	6	1·00	+ 0·45	40·7	—	41	—
8. ENGLAND, S.W.	Clifton (Torquay)	57	31	50·1	35·5	42·5	− 6·4	31	18	6	0·55	+ 0·03	52·3	+ 8·0	52	+ 8
	†Shaftesbury (Marlborough) 𝔐	53	29	48·1	34·1	40·8	− 6·0	17	30	4	0·25	− 0·29	37·3	+ 1·3	37	+ 1
	Arlington, N. Devon (Newquay)	52	30	49·1	35·6	42·9	− 4·7	20	18	6	1·57	+ 0·91	*	*	*	*
	Cullompton 𝔐	57	29	52·2	36·1	43·8	− 5·3	37	17	6	0·68	+ 0·14	49·3	+ 10·4	49	+ 10
	Plymouth	54	35	51·0	39·8	45·1	− 4·7	31	6	6	0·75	+ 0·24	57·2	+ 15·0	57	+ 15
	Falmouth	53	37	50·1	40·4	45·0	− 4·0	28	4	6	1·05	+ 0·45	57·5	+ 12·3	58	+ 12
9 IRELAND, N. Western part.	Malin Head	48	35	45·1	37·6	41·2	− 5·3	9	17	7	1·22	+ 0·78	*	*	*	*
	Edenfel	50	33	47·7	36·1	41·6	− 4·5	16	23	7	1·28	+ 0·72	*	*	*	*
	Blacksod Point	51	36	48·9	41·0	44·8	− 3·4	24	3	7	1·12	+ 0·47	*	*	*	*
	Markree Castle	51	34	48·7	38·1	43·2	− 3·7	25	11	6	1·28	+ 0·72	37·2	+ 0·6	37	+ 1
9 IRELAND, N. Eastern part.	Armagh	53	33	49·9	35·3	42·3	− 4·5	30	19	7	0·87	+ 0·38	34·9	− 1·3	34	− 1
	Donaghadee	52	36	47·3	36·7	41·8	− 5·2	15	21	6	0·62	+ 0·17	*	*	*	*
10. IRELAND, S. Eastern part.	†Dublin, City (Phœnix Park)	56	36	50·8	38·2	44·2	− 4·5	31	11	7	0·79	+ 0·35	45·2	+ 4·1	45	+ 4
	Kilkenny	52	31	50·4	36·7	43·2	− 5·0	31	15	5	0·47	− 0·03	*	*	*	*
	Waterford	55	32	52·6	36·9	44·4	− 3·4	38	14	4	0·29	− 0·28	*	*	*	*
10. IRELAND, S. Western part.	Birr Castle	53	33	50·4	36·4	43·1	− 4·6	31	16	6	0·57	+ 0·08	43·3	+ 5·6	43	+ 6
	Foynes	52	35	50·9	39·7	45·0	− 3·2	31	6	7	1·22	+ 0·67	*	*	*	*
	Killarney	54	34	51·4	38·8	44·8	− 4·0	33	9	6	1·31	+ 0·57	*	*	*	*
	Valencia	53	39	50·3	41·7	45·8	− 3·6	28	1	7	0·91	+ 0·07	35·0	− 5·0	35	− 5
	†Roches Point (Ballinacurra)	55	38	51·9	39·7	45·5	− 3·8	34	6	7	0·23	− 0·46	46·3	—	46	—
11. ENGLISH CHANNEL	Scilly, St. Mary's	54	44	51·1	44·4	47·6	− 2·0	39	0	5	0·30	− 0·15	54·6	+ 9·6	55	+ 10
	†Jersey, St. Aubins (St. Heliers)	52	39	50·1	42·3	46·0	− 4·4	28	0	5	0·50	+ 0·01	49·3	+ 1·6	50	+ 2
	Guernsey	52	37	49·4	41·3	45·2	− 4·5	25	2	5	0·74	+ 0·21	56·9	+ 7·9	58	+ 8

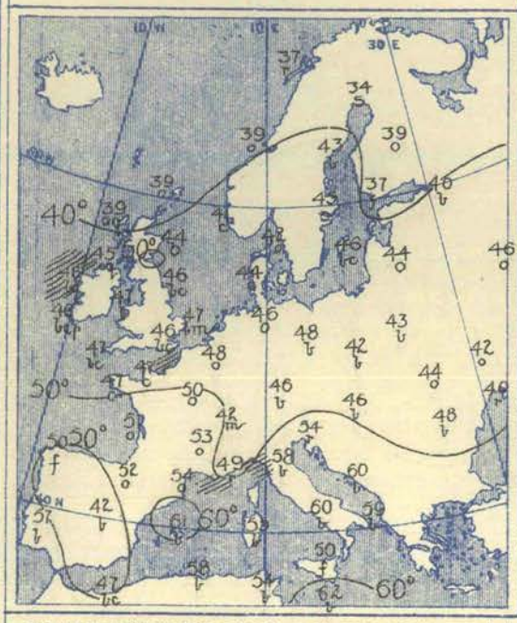
Information for Stations marked 𝔐 is supplied by the Royal Meteorological Society, and that for Stations marked 𝔖 is supplied by the Scottish Meteorological Society.

* An Asterisk is inserted in all places for which the information is not usually given.

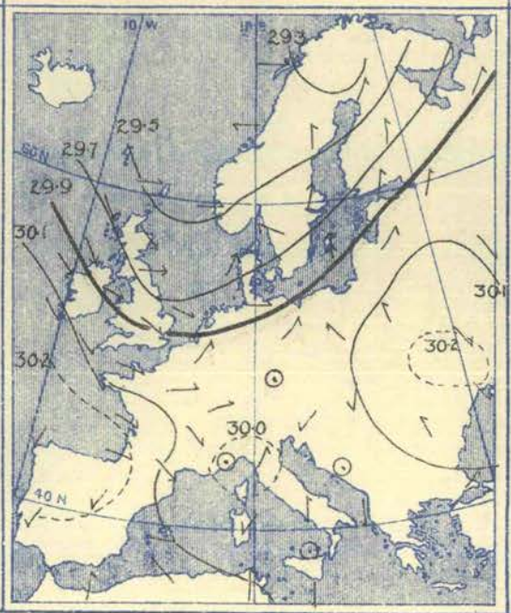
† There is no Sunshine Recorder in use at this Station. The figures entered for Sunshine are those recorded at a neighbouring Station of which the name is given in brackets.

Sunday, 22nd April, 1906.

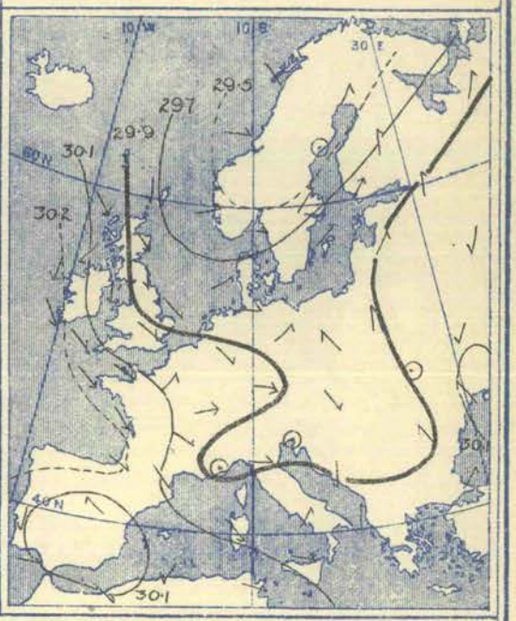
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fair or fine in most parts of our area, but overcast at many stations in Scandinavia and also at some in the south of Europe, with rain in places, and fog at Corunna and Palermo. Heavy snow falling later in Caithness and slight showers of hail, sleet, or snow in most British and Irish regions, with thunderstorms at Harrogate and in London. Very heavy rain, 2·7 ins., at Turin and smaller amounts in various other Continental localities.

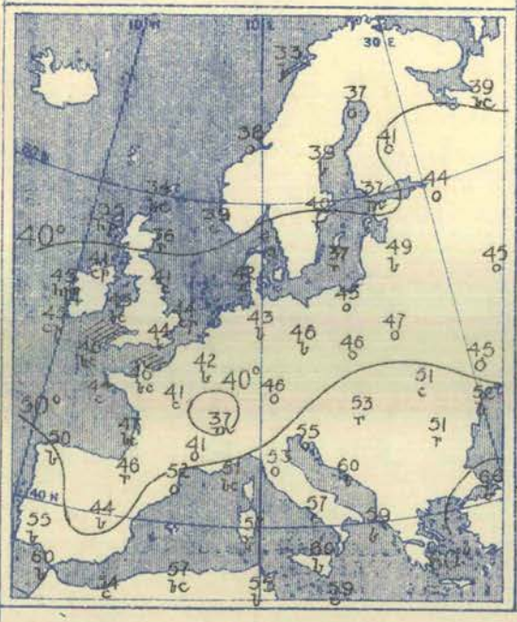
TEMPERATURE fallen generally, risen in Sweden and over the Baltic and also in many parts of southern Europe. Readings in morning ranging from 62° at Malta and Constantinople and 61° at Palma to less than 50° over our area as a whole and to less than 40° in the far north, and also in the north of Scotland. Maxima during day about 55° in several parts of Great Britain, about 60° in some German and French districts, and 70° or rather higher further south. Highest values 77° at Sfax and 79° at Constantinople.

WIND in morning fresh or strong from North-West over these Islands and the north of France, and moderate to fresh from the Southward and South-Westward on the southern and eastern sides of the North Sea. A fresh gale from South prevailing at Wisby. Light anticyclonic airs general over the south of Russia and its vicinity and also over Spain and the Bay of Biscay, and a slight cyclonic circulation around the Gulf of Genoa. Wind becoming more Northerly over the United Kingdom by evening and veering to about North-West over the North Sea.

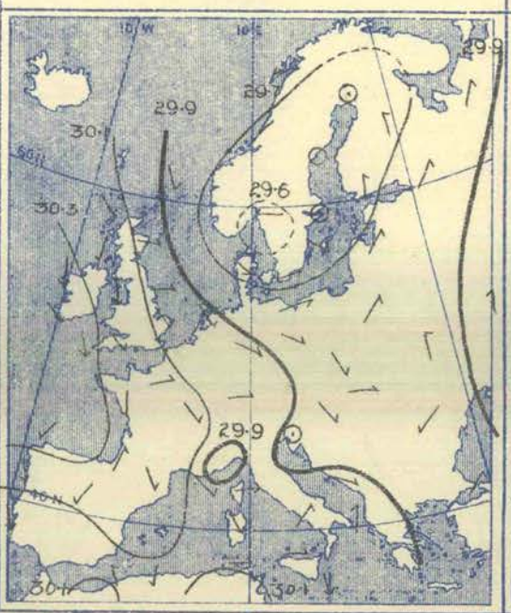
BAROMETER at 8 a.m. above 30·2 ins. both over the south-east of Russia and in the south-west of our area. Readings decreasing to below 30·0 ins. in a depression over Corsica and its neighbourhood, and to below 29·4 ins. in a larger system over the northern half of Scandinavia. A considerable modification in the general distribution of pressure taking place later, South-western anticyclone extending quickly northwards and that over Russia either travelling away eastwards or dispersing; southern depression increasing in depth and that in the north becoming much less deep.

Monday, 23rd April, 1906.

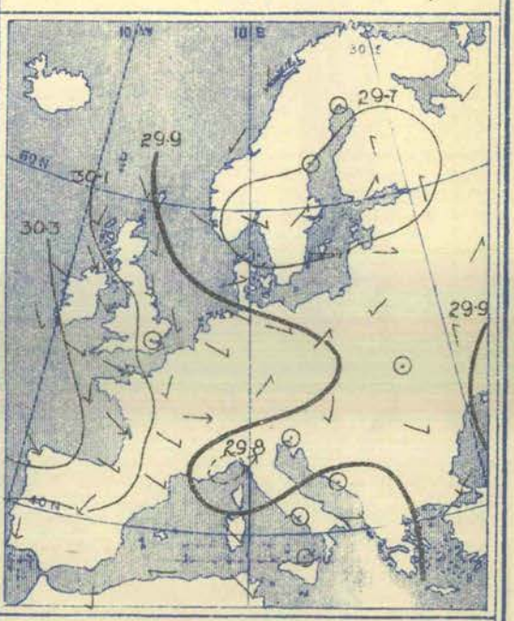
Temperature and Weather 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fair or fine in most regions except over Austria-Hungary and Poland, and in certain parts of our western and northern districts; snow falling at Wick and hail showers at Stornoway and in Ireland. Rain also reported from Biarritz. Showers of hail, sleet, snow, or rain becoming general over the United Kingdom during the ensuing twenty-four hours, and various quantities of precipitation also experienced in different parts of the Continent; more than an inch at Prague.

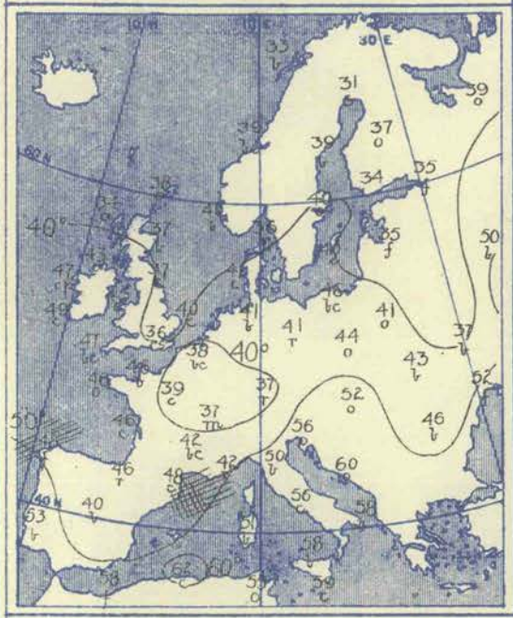
TEMPERATURE fallen except over Poland, Hungary, and the south of Russia. Readings in morning 66° at Constantinople and about 60° at some other southern stations. Below 45° over Europe as a whole, and no higher than 33° at Wick and Bodö. Rising during day to 80° at Brindisi, 77° at Constantinople, and to nearly 70° at a few other stations. Maxima below 50° in most parts of our Islands and not much above it in France and Germany.

WIND at 8 a.m. moderate or fresh from North or North-West over the United Kingdom and its neighbourhood, with a fresh gale on the south-west coast of Norway; drawing into West in Germany and into South-West and South over the Baltic and Finland. A circulation of moderate cyclonic winds shown around the Gulf of Genoa. Scarcely any change later.

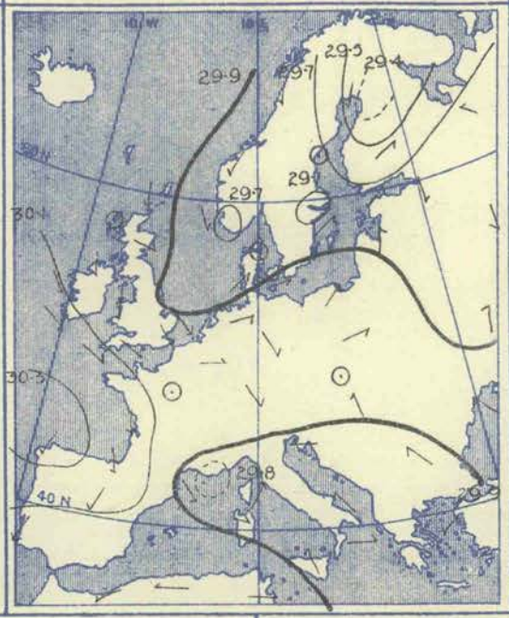
BAROMETER in morning above 30·3 ins. in an anticyclone extending over the north of Spain and the west of Ireland from the ocean. Below 29·9 ins. in a depression centred near Nice, and below 29·6 ins. in another system having its centre over the Skager Rack. Relatively low in an elongated area stretching from the Baltic to Turkey. Pressure changing little during day, and no decided alteration occurring in the distribution.

Tuesday, 24th April, 1906.

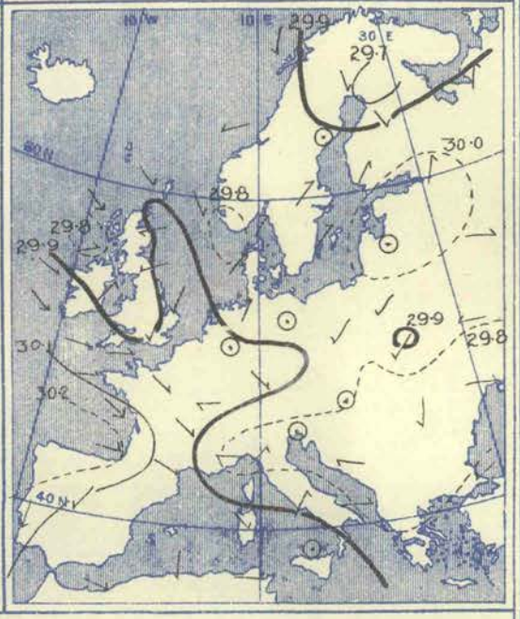
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fair or fine in various parts of southern, eastern, and northern Europe; cloudy or quite overcast as a whole, with sleet or snow showers in Scotland, sleet in London, rain at Biarritz and Nice, and in parts of Germany, and snow in the north of Sweden. Heavy snow falling in London between 8 and 9 a.m. and more or less precipitation experienced later in most parts of our area; largest amounts 0·4 in. at Portland Bill and 0·6 in. at Brest and Lemberg.

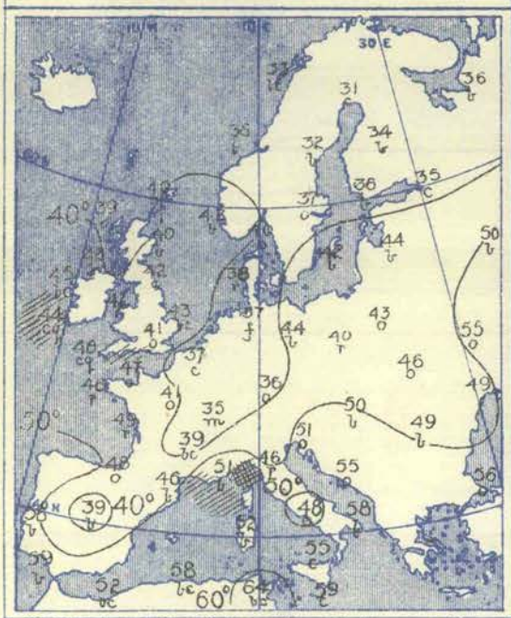
TEMPERATURE fallen or changed little generally. Morning readings 65° at Constantinople, 62° at Algiers, and a little less than 60° at some other southern stations. Decreasing to below 40° at several stations in our Islands and over the central and northern regions of the Continent, and to 31° at Haparanda. Maxima during day about 50° in the United Kingdom, Germany and the greater portion of France, above 60° on the shores of the Adriatic and in many other parts of southern Europe, and above 70° in places. Highest values 75° at Constantinople, and 79° at Brindisi.

WIND at 8 a.m. Northerly to North-Westerly or Westerly over our Islands and their immediate neighbourhood, and drawing into East over the Spanish Peninsula, and into West and South-West over Germany and the Baltic. A cyclonic circulation of fresh or strong winds prevailing over the region of the Gulf of Genoa, and a partial cyclonic movement over Scandinavia. South-Easterly breezes setting in later over Scotland and the north of England.

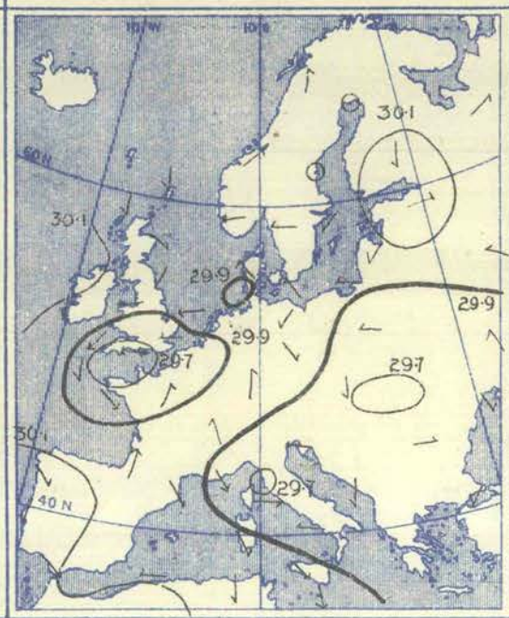
BAROMETER in morning ranging from above 30·3 ins. in an anticyclone centred over the north of Spain and the south of the Bay of Biscay to 29·8 ins. and less in a depression over the Gulf of Genoa, and to below 29·4 ins. in another system in the north of Lapland. Northern depression travelling away later in day, but other disturbances either developing over our Islands or arriving from the north-westward. Anticyclone maintaining its position with but slight decline in intensity.

Wednesday, 25th April, 1906.

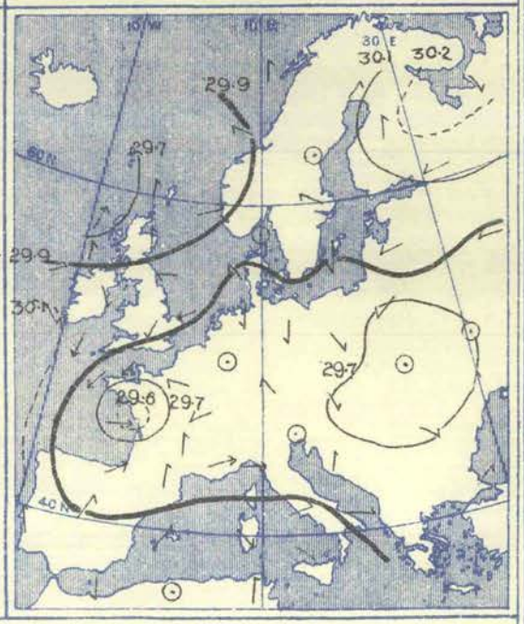
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER in morning fair to very fine and clear over the greater part of our area, but rain falling locally in the south-west of the British Isles, northern and western France, Denmark, eastern Germany and northern Italy, and the atmosphere foggy at Cuxhaven and Odessa. In the course of the day rain experienced in many localities at home and abroad, sleet or snow showers in Scotland. The amounts generally very small, but Sanguinaires had 0·9 in., and Cette 1·3 in.

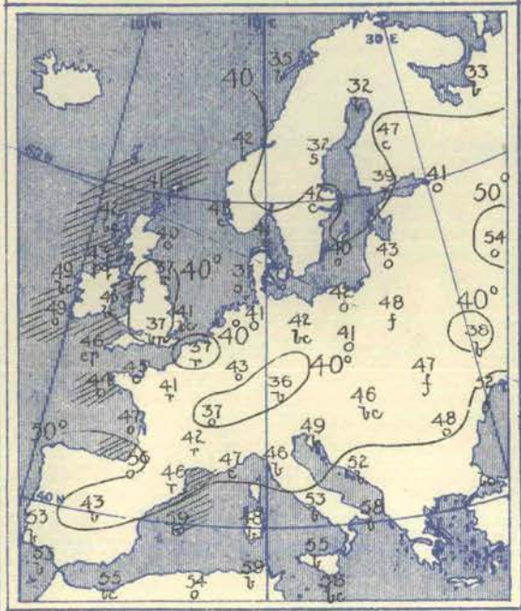
TEMPERATURE in morning well below the normal nearly everywhere; under 40° over an extensive region, as far south as Madrid, and exceeding 50° only at stations in southern Europe and in North Africa. Lowest values 31° at Haparanda and 32° at Uleaborg and Hernösand, 35° at St. Petersburg, Aix-la-Chapelle and Belfort; highest 58° at Brindisi and Algiers, 59° at Malta and San Fernando, and 64° at Tunis. During the day a maximum of 50° reached at only a few home stations, the foreign maxima ranging from 37° at Bodö and Haparanda to 66° at Nemours, La Calle, Tunis, Hermanstadt and Groningen, 70° at San Fernando, and 79° at Brindisi.

WIND at 8 a.m. very variable in direction, circulating round a number of high and of low pressure systems, fresh or strong to a gale on our south-western coasts and down the west of France, fresh or strong on the Gulf of Genoa and about Sicily, light in most other regions. Southerly to South-Westerly breezes setting in over our northern districts later in the day, no important changes occurring elsewhere.

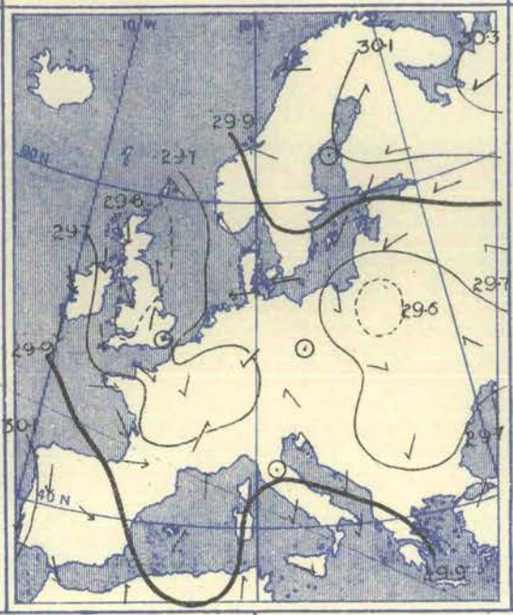
BAROMETER in morning ranging from above 30·1 ins. in the north of Ireland, Portugal and about the Gulf of Finland to below 29·9 ins. in Denmark, and below 29·7 ins. in depressions over the western half of the English Channel, at Leghorn and Buda Pesth. By evening pressure above 30·2 ins. over northern Russia and above 30·1 ins. in the south-west of Ireland; below 29·6 ins. in the west of France and below 29·7 ins. in a depression covering a great part of Austria and south-western Russia, also in a new disturbance approaching our north-western coasts.

Thursday, 26th April, 1906.

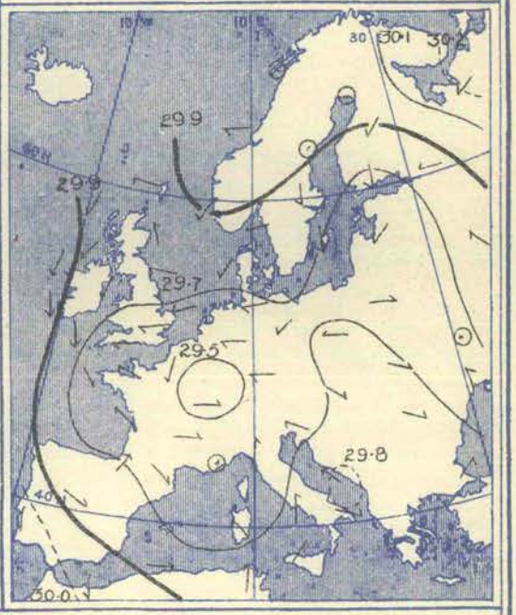
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine and bright in most parts of southern Europe and also in the extreme north; unsettled as a whole, with rain, sleet, or snow in many places in the United Kingdom, rain in Belgium and the north-east of France, and snow at Hernösand. Considerable or heavy rain later in nearly all parts of France and Italy, and heavy rain or snow in Finland.

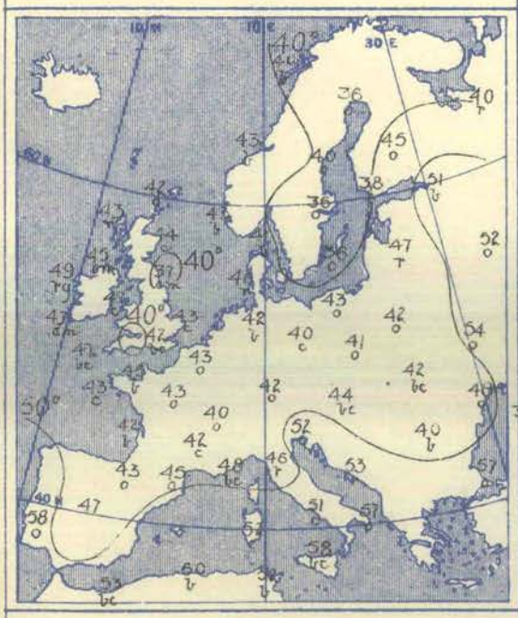
TEMPERATURE changed irregularly. Readings in morning ranging from 61° at Constantinople and 59° at Le Calle and Palma to below 45° over our area as a whole and to below 35° in various parts of our Islands and in the far north of the Continent. Maxima during day less than 50° at almost all our own stations and sharp frost occurring inland at night. Thermometer rising to 79° at Brindisi, above 70° in Algeria, and to above 60° over the Mediterranean region generally.

WIND in morning showing several complete or partial cyclonic circulations; little force as a whole, but Northerly current fresh or strong on our western coasts and over the Bay of Biscay. Some increase of force taking place later at isolated stations in the south of our area, and Northerly or North-Easterly winds becoming general over our Islands.

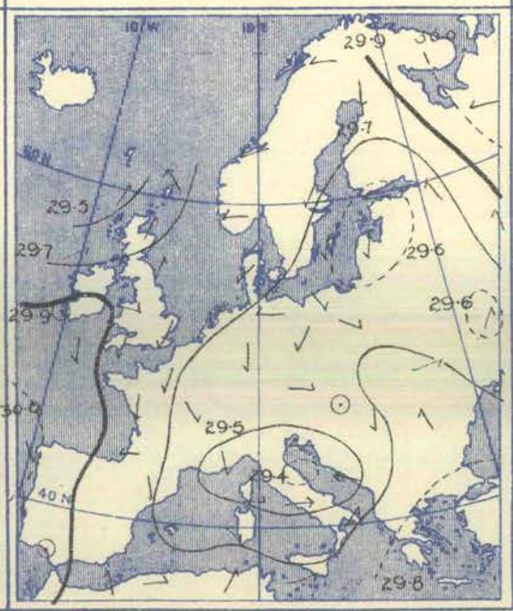
BAROMETER in morning above 30·3 ins. over the extreme north of Russia and above 30·1 ins. in Portugal and over the neighbouring portion of the ocean. Relatively low in a large system of irregular shape covering nearly all of central Europe and France, and as low as 29·6 ins. and less in an extensive V-shaped disturbance stretching from beyond the north of Scotland to the Bristol Channel. General distribution of pressure becoming much modified by evening. Barometer rising decidedly over all our northern districts and pressure becoming lowest over France and south Germany.

Friday, 27th April, 1906.

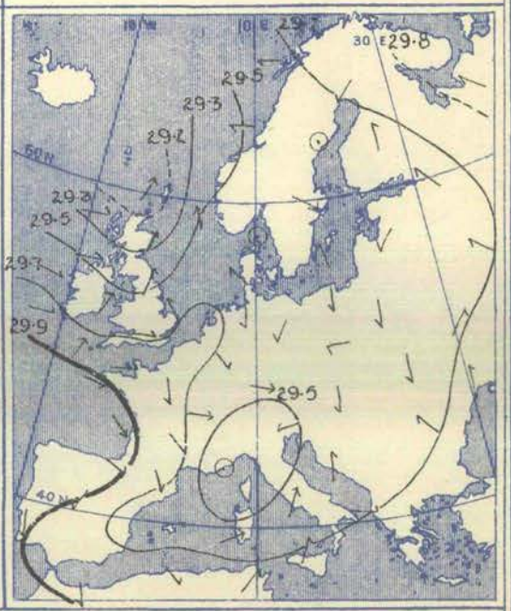
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. in a very variable condition; fine and bright in Algeria, England, and Norway; cloudy or dull in most other regions, with rain in Ireland and the Hebrides, at Le Mans, Aix-la-Chapelle, Florence, and Archangel, as well as at Karlstad and Riga, and fog over the Gulf of Finland. Rain falling very generally later over the United Kingdom and the adjacent portion of the Continent and rather large quantities over Italy.

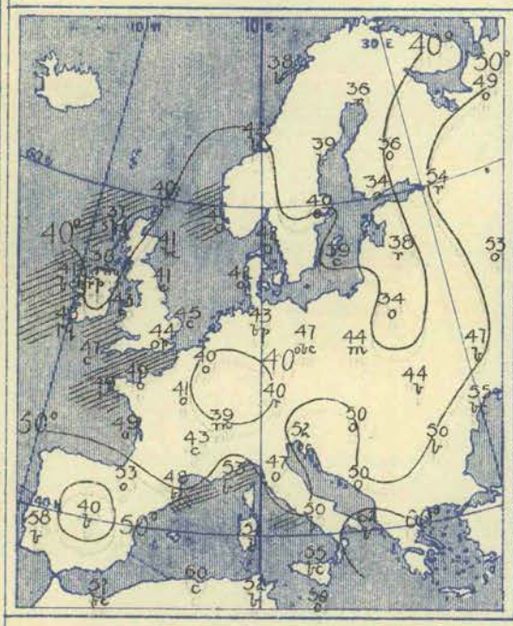
TEMPERATURE changed irregularly. Readings in morning about 60° at a few stations in the far south, but below 50° over the north of Italy and our area as a whole, and below 40° at some of the northern stations. Rising during day to 72° in Algeria, 70° at St. Petersburg, and to 79° at Brindisi. Maxima less than 60° over Italy generally, and less than 50° at a few stations in England and France.

WIND in morning varying greatly; two complete cyclonic circulations shown over the Continent and a partial cyclonic movement over Scotland. Not much force as a rule, but fresh or strong winds prevailing at some places on the shores of the Mediterranean, and also in the Shetlands. Westerly and South-Westerly winds spreading later over the whole of the United Kingdom. Little change elsewhere.

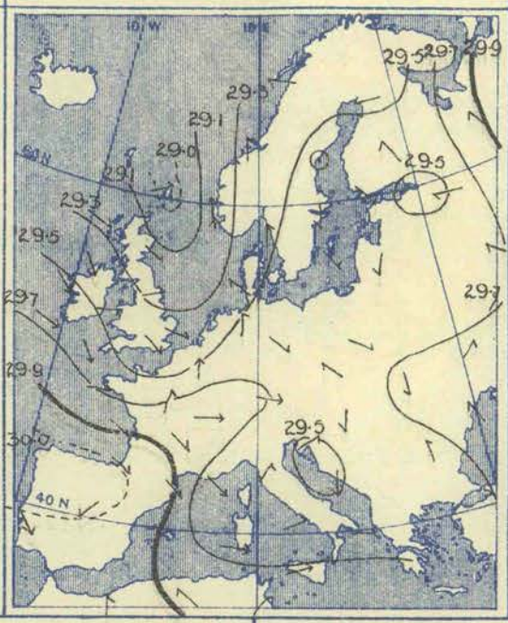
BAROMETER in morning above 30·0 ins. in Portugal and the extreme north of Russia and decreasing to less than 29·6 ins. in a depression centred over the Gulf of Riga, to below 29·5 ins. in another system off the north-west of Scotland, and to below 29·4 ins. in a rather large disturbance having its minimum near Pesaro. Barometer falling steadily over our Islands during day and depression off Scotland assuming a V formation. Italian depression extending out in a northerly direction.

Saturday, 28th April, 1906.

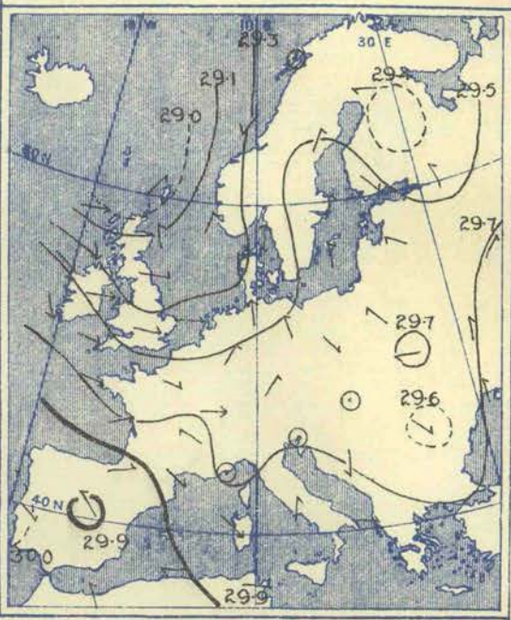
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



6 p.m.



WEATHER at 8 a.m. fine and bright over the Spanish Peninsula and in a few other parts of our area; cloudy or dull and very unsettled as a whole, with showers of sleet or rain at some of our own stations, rain in the north of France, the Netherlands, Denmark, and at some Russian stations. Showers of rain, sleet, or hail experienced later in all parts of our Islands, and various amounts of rain in most parts of the Continent; as much as 1·65 in. at Fanö and 1·0 in. at Buda-Pesth.

TEMPERATURE fallen in most regions, risen over central Europe. Readings in morning about 60° at some of the most southern stations, and above 50° over a considerable portion of Russia. Below 40° at various spots in the north and as low as 37° at Stornoway, and 24° at Warsaw. Rising during day to between 60° and 70° at most stations in the far south, and as high as 79° at Brindisi. Maxima below 50° in nearly all British localities, but thermometer touching 63° at St. Petersburg.

WIND in morning moderate to fresh or strong from between West and North-West over the United Kingdom, and blowing with similar force from South or South-East over the countries lying to the eastward and southward of the North Sea. Separate circulations prevailing in the north and south of the Continent. Westerly current strong on some of Mediterranean shores. Scarcely any change during day.

BAROMETER at 8 a.m. above 30·0 ins. in the north of Spain and above 29·8 ins. in the south of Russia. Below 29·5 ins. in depressions situated over the northern part of the Adriatic and in the neighbourhood of St. Petersburg, and below 29·0 ins. in a deeper disturbance having its minimum to the northward of the Shetlands. No great change taking place later in the general situation.

IV.—BRIGHT SUNSHINE Values for the Week, in addition to those found on page 98.

	STATIONS.	No. of Hours recorded.	Difference from the Mean for the Week.	Percentage of Possible Duration	Difference from the Mean for the Week.
3.	Cromer	57·3	—	57	—
	Dunmow	49·5	—	50	—
	London, Bunhill Row	40·1	+ 8·6	40	+ 9
5.	Margate	53·9	+ 14·8	54	+ 15
	Ramsgate	57·9	—	58	—
	Eastbourne	56·0	+ 12·3	56	+ 12
	Brighton	50·9	+ 7·8	51	+ 8
	Worthing	51·9	—	52	—
5.	Bognor	48·3	—	48	—
7.	Rhyl	46·0	—	46	—
8.	Tenby	44·8	− 0·4	45	0

V.—OBSERVATIONS IN THE UPPER AIR.—Temperature, Humidity and Wind Velocity.

Date of Observation.	Station and its Height above M.S.L.		Heights in feet above Mean Sea Level.							Remarks.
			Ground Level.	1,660.	3,320.	5,000.	6,660.	8,320.	10,000.	
1906. April 28th. 12.13 p.m. to 2.52 p.m.	Ditcham Park, Petersfield, 400 ft.	Temperature F.	49°	40°	33°	28°	23°			One large kite. Max. height 6,000 ft.; lowest temp. 21°. Cloud level a little below greatest height. Wind Velocity variable from 20 to 35 miles per hour.
		Humidity	60	65	70	85	80			
		Wind Velocity, m. per hr.	W by S	—	W by N	W by N	W by N			
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								

63, Victoria Street, London, S.W.
May 2nd, 1906.

W. N. SHAW,
Director.

ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE,

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SUPPLIED BY THE PUBLIC SERVICE

TWENTY-NINTH YEAR. Vol. XXIII. (New Series.) No. 18. EIGHTEENTH WEEK, ENDING SATURDAY, MAY 5TH, 1906.

[Price 6d. Annual Subscription post paid £1 10s. 0d.

I.—GENERAL REMARKS.

Weather was more unsettled than of late, rain being experienced on most days in Great Britain and on every day in the Irish districts. Thunderstorms, accompanied by rain, hail, or snow, occurred in several parts of England and Ireland on Sunday, again at some stations in the east and south-east on Monday, and in a few isolated places later in the week.

Temperature was again below the average, the defect ranging from about 5° in the Midland Counties and England S.W. to rather less than 3° in England E. and the Channel Islands. The highest of the maxima were recorded on various dates. In several of the western districts and in England S. the thermometer did not touch 60° and in the Channel Islands and Ireland N. it rose no higher than 57°. The highest values were 63° in England N.W. and the Midland Counties. The absolute minima were again very low for the time of year. They mostly occurred on Sunday, and varied from 23° in Scotland E., 25° in Scotland N. and England S.W. and 26° in the Midland Counties to 33° in Ireland N. and to 37° in the Channel Islands.

Rainfall exceeded the average in all districts excepting England E., the excess being very large in most western localities, and considerable in nearly all other districts.

Bright Sunshine just equalled the average in England S., and exceeded it in England E. and Scotland N. and E.; elsewhere there was a deficit. The percentage of the possible number of hours ranged from 48 in England E., 44 in the Channel Islands, 43 in Scotland E. and England N.E. and 42 in England S. to 29 in Scotland W. and to 26 in Ireland N.

Barometer and Wind.—At the commencement of the week a depression lay off the north of Ireland, and the Westerly winds which blew on our western coasts were fresh or strong in force. This disturbance subsequently travelled southwards to France, and the wind over our Islands consequently shifted to the Northward or North-Eastward. By Wednesday morning, however, another cyclonic system had appeared off Ireland, and from this time until the end of the week a Southerly and South-Westerly type of conditions prevailed.

SUMMARY OF TEMPERATURE, RAINFALL, AND DURATION OF BRIGHT SUNSHINE IN THE UNITED KINGDOM, FOR AGRICULTURAL AND SANITARY PURPOSES.

THE WEEK (18th)—April 29th to May 5th, 1906.

DISTRICTS. (See p. 104.)	Temperature. Highest.	Lowest.	Means of: Daily Max.	Daily Min.	Daily Mean.	Difference from Av. (35 Yrs.)	Accumulated. Number of Day-Degrees. Above 42°	Difference from Av. (25 Yrs.)	Below 42°	Difference from Av. (25 Yrs.)	Rainfall. Number of Rain-Days.	Diff. from Av. (35 Yrs.)	Total Fall.	Difference from Average (35 Yrs.)	Sunshine. Hours recorded.	Diff. from Av. (25 Yrs.)	Percentage of Possible Duration.	Diff. from Av. (25 Yrs.)
	°	°	°	°	°	°	Day-deg.	Day-deg.	Day-deg	Day-deg.			Inches.	Inches.			%	%
0. SCOTLAND, NORTH ..	? 62	25	49·3	35·1	41·8	− 3·5	20	−15	26	+ 14	6	+ 2	0·83	+0·21	42	+ 6	38	+ 5
Eastern 1. SCOTLAND, EAST ..	60	23	51·3	33·3	41·8	− 4·3	26	−16	33	+ 22	5	+ 2	0·68	+0·22	46	+ 10	43	+ 9
Eastern 2. ENGLAND, N.E. ..	60	29	52·9	36·7	44·3	− 3·1	38	− 2	15	+ 8	6	+ 3	0·43	+0·03	45	− 7	43	− 6
Eastern 3. ENGLAND, EAST ..	62	29	54·3	38·8	46·1	− 2·8	42	−10	9	+ 1	4	+ 1	0·33	−0·06	50	+ 4	48	+ 4
Eastern 4. MIDLAND COUNTIES	63	26	52·6	35·3	43·4	− 5·0	38	−16	19	+ 11	6	+ 3	0·61	+0·17	33	− 6	31	− 6
Eastern 5. ENGLAND, SOUTH ..	59	27	52·5	38·7	45·2	− 4·1	36	−22	9	+ 5	5	+ 2	0·64	+0·24	43	0	42	0
Western 6. SCOTLAND, WEST ..	59	28	51·0	36·8	43·5	− 4·1	32	−13	15	+ 8	6	+ 3	1·64	+1·00	31	− 9	29	− 9
Western 7. ENGLAND, N.W. ..	63	30	50·8	37·8	43·9	− 4·3	31	−18	12	+ 7	5	+ 2	0·71	+0·26	34	− 6	33	− 6
Western 8. ENGLAND, S.W. ..	58	25	50·9	38·2	44·2	− 4·9	31	−22	11	+ 8	6	+ 3	1·49	+0·96	36	− 6	35	− 6
Western 9. IRELAND, NORTH ..	57	33	50·5	37·8	43·8	− 4·0	30	−18	12	+ 7	7	+ 3	1·27	+0·74	28	− 11	26	−10
Western 10. IRELAND, SOUTH ..	59	30	53·2	39·5	45·9	− 3·5	38	−18	7	+ 4	7	+ 3	1·40	+0·82	33	− 9	32	− 9
11. CHANNEL ISLANDS..	57	37	52·4	43·6	47·8	− 2·9	41	−22	0	0	6	+ 3	1·08	+0·62	45	− 6	44	− 5

THE SEASON (**Spring**).—Aggregates, &c., for the Period of 9 Weeks, March 4th to May 5th, 1906.

0. SCOTLAND NORTH ..	71	8	*	*	*	*	152	−27	278	+ 70	45	+ 7	8·38	+1·14	282	+ 28	34	+ 3
Eastern 1. SCOTLAND, EAST ..	72	11	*	*	*	*	220	− 7	272	+ 55	36	+ 4	4·37	+0·02	341	+ 72	41	+ 9
Eastern 2. ENGLAND, N.E. ..	70	18	*	*	*	*	265	+31	200	+ 33	33	+ 3	2·32	−1·19	372	+ 72	45	+ 9
Eastern 3. ENGLAND, EAST ..	72	24	*	*	*	*	285	−21	164	− 11	28	− 1	2·18	−1·09	381	+ 85	47	+10
Eastern 4. MIDLAND COUNTIES	72	18	*	*	*	*	316	− 3	206	+ 24	30	+ 1	2·56	−1·24	336	+ 57	41	+ 7
Eastern 5. ENGLAND, SOUTH ..	72	22	*	*	*	*	288	−41	150	+ 27	29	+ 1	2·88	−0·85	377	+ 67	46	+ 8
Western 6. SCOTLAND, WEST ..	71	18	*	*	*	*	252	+ 7	181	+ 28	31	− 2	6·79	+0·14	327	+ 45	40	+ 5
Western 7. ENGLAND, N.W. ..	70	16	*	*	*	*	243	−30	171	+ 40	29	− 1	4·45	+0·10	347	+ 82	42	+10
Western 8. ENGLAND, S.W. ..	68	19	*	*	*	*	287	−26	147	+ 51	30	0	4·84	−0·44	386	+ 91	47	+11
Western 9. IRELAND, NORTH ..	67	20	*	*	*	*	237	−40	146	+ 23	43	+ 6	6·09	+1·01	289	+ 21	35	+ 3
Western 10. IRELAND, SOUTH ..	67	25	*	*	*	*	316	−24	102	+ 11	36	+ 3	4·94	−0·88	329	+ 20	40	+ 2
11. CHANNEL ISLANDS..	66	31	*	*	*	*	306	−73	36	+ 4	32	− 1	3·41	−1·21	415	+ 59	51	+ 7

THE YEAR.—Aggregates, &c., for the period of 18 Weeks, December 31st, 1905, to May 5th, 1906.

0. SCOTLAND, NORTH ..	71	8	*	*	*	*	170	−75	619	+ 89	97	+17	21·46	+4·53	386	+ 39	29	+ 3
Eastern 1. SCOTLAND, EAST ..	72	11	*	*	*	*	257	−51	602	+ 20	72	+ 6	9·36	−0·11	505	+106	37	+ 8
Eastern 2. ENGLAND, N.E. ..	70	18	*	*	*	*	321	+ 3	461	− 13	70	+ 8	6·40	−0·73	528	+ 90	38	+ 7
Eastern 3. ENGLAND, EAST ..	72	23	*	*	*	*	363	−38	413	−103	69	+ 7	7·78	+1·02	537	+110	39	+ 8
Eastern 4. MIDLAND COUNTIES	72	18	*	*	*	*	395	−32	482	− 45	70	+ 8	8·47	+0·38	478	+ 83	35	+ 6
Eastern 5. ENGLAND, SOUTH ..	72	20	*	*	*	*	421	−28	351	− 34	74	+12	10·34	+1·96	554	+105	40	+ 8
Western 6. SCOTLAND, WEST ..	71	14	*	*	*	*	314	−25	415	+ 6	76	+ 4	17·68	+1·94	470	+ 83	34	+ 6
Western 7. ENGLAND, N.W. ..	70	16	*	*	*	*	320	−55	378	− 7	72	+ 7	13·01	+3·18	477	+101	35	+ 7
Western 8. ENGLAND, S.W. ..	68	19	*	*	*	*	439	−29	327	+ 35	77	+11	16·42	+4·09	546	+118	39	+ 9
Western 9. IRELAND, NORTH ..	67	20	*	*	*	*	335	−69	352	+ 5	98	+18	14·76	+3·32	438	+ 52	32	+ 4
Western 10. IRELAND, SOUTH ..	67	24	*	*	*	*	504	−25	264	+ 5	88	+15	13·71	−0·12	480	+ 27	35	+ 2
11. CHANNEL ISLANDS..	66	27	*	*	*	*	546	−60	79	− 35	86	+14	12·04	+1·08	600	+ 78	43	+ 6

Bright Sunshine.—For certain of the Districts the values of Bright Sunshine in this Table are based on the records from a part only of the Stations included in the Tables under II. and IV. For certain of the Stations Mean Values are not available, and for the Districts containing these Stations the "Difference from Average" is based on the records from a smaller number of Stations than those supplying the values for "Hours Recorded."

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II.—DATA from which the SUMMARY on page 103 has been calculated.

April 29-May 5, 1906.		Temperature. In Degrees Fahrenheit.								Rainfall.			Bright Sunshine.			
Districts.	Names of Stations.	Highest observed.	Lowest observed.	Averages for the Week.			Difference of Daily Average from Mean for the Week.	Accumulated Heat for the Week (in Day-degrees).		Number of Rain-Days.	Rainfall in the Week.	Difference from the Mean for the Week.	Number of Hours recorded.	Difference from the Mean for the Week.	Percentage of possible duration.	Difference from the Mean for the Week.
				Of Highest each day.	Of Lowest each day.	For whole of each day.		Above 42°	Below 42°							
		°	°	°	°	°	°	Day-deg	Day-deg		Inches.	Inches.	Hrs.	Hrs.	%	%
0. SCOTLAND, N.	†Sumburgh Head (Deerness)	50	34	45·7	37·3	41·3	− 2·0	10	18	7	0·67	+ 0·23	66·1	+ 28·5	60	+ 26
	Wick	? 62	28	51·6	34·9	42·8	− 2·4	35	20	6	0·62	+ 0·22	*	*	*	*
	†Lairg (Strathpeffer)	55	25	51·2	32·6	41·3	− 3·1	26	35	7	0·79	+ 0·27	32·6	− 3·7	30	− 3
	Stornoway	52	26	48·3	34·7	41·1	− 4·2	18	27	7	1·16	+ 0·58	34·7	− 6·0	32	− 6
	Glencarron	53	30	48·3	34·9	41·2	− 4·1	18	26	7	1·07	− 0·04	*	*	*	*
	Fort Augustus	55	30	50·4	35·6	42·6	− 4·0	31	18	4	0·38	− 0·14	32·6	+ 3·6	30	+ 3
	Fort William	52	30	49·7	35·6	42·2	− 5·0	28	18	6	1·12	+ 0·32	*	*	*	*
1. SCOTLAND, E.	Nairn	59	28	53·6	35·0	43·7	− 2·8	41	20	4	0·42	+ 0·09	*	*	*	*
	Aberdeen	56	29	50·6	34·6	42·1	− 4·0	32	21	4	0·47	− 0·03	68·9	+ 29·1	64	+ 27
	†Balmoral (Crathes)	51	23	47·1	29·7	37·9	− 5·3	14	43	7	0·58	+ 0·07	55·0	—	51	—
	†Clathick (Balruddery)	57	26	52·1	30·9	40·9	− 6·5	28	42	6	1·67	+ 1·16	32·5	—	30	—
	†Leith (Edinburgh)	60	31	54·6	36·6	45·1	− 2·5	44	15	4	0·34	− 0·03	34·6	+ 1·4	32	+ 1
	Marchmont	54	29	50·0	32·7	40·8	− 4·4	22	34	5	0·62	+ 0·07	36·6	− 0·4	35	0
2. ENGLAND, N.E. — Northern part.	†Alnwick Castle (Cockle Park)	59	29	52·8	35·1	43·4	− 2·3	39	19	6	0·48	− 0·02	45·1	—	43	—
	†Shields (Newcastle)	57	31	51·7	36·1	43·4	− 3·0	35	17	6	0·47	+ 0·09	26·5	− 2·7	25	− 3
	Durham	56	29	50·6	35·1	42·4	− 4·0	32	19	5	0·41	− 0·02	31·7	− 3·5	30	− 3
	Scarborough	59	34	53·4	38·9	45·7	− 1·3	39	9	6	0·35	− 0·07	55·0	—	52	—
	York	59	31	53·2	34·9	43·5	− 4·7	40	20	6	0·91	+ 0·50	26·9	− 9·4	26	− 9
2. ENGLAND, N.E. — Southern part.	†Spurn Head (Saltburn)	59	36	53·0	40·0	46·1	− 1·3	37	6	5	0·11	− 0·22	51·2	—	48	—
	Lincoln (Skegness)	60	30	54·9	36·4	45·1	− 4·2	45	16	6	0·34	− 0·05	58·3	—	56	—
	†Fulbeck (Rauceby)	58	30	53·2	37·1	44·7	− 4·0	39	14	5	0·39	− 0·01	44·0	—	42	—
	(Cromer)												58·0	—	56	—
3. ENGLAND, E. — Northern part.	Hillington	61	29	55·0	36·0	44·9	− 3·5	46	17	6	0·62	+ 0·21	48·8	+ 7·3	47	+ 7
	†Yarmouth (Lowestoft)	60	33	53·1	41·7	47·1	− 0·3	37	1	2	0·10	− 0·29	71·5	—	69	—
	Geldeston	62	31	56·4	38·0	46·7	− 1·5	50	11	2	0·21	− 0·17	55·2	+ 11·5	53	+ 11
	(Dunmow)												39·5	—	38	—
3. ENGLAND, E. — Southern part.	Cambridge	61	29	55·1	36·7	45·4	− 4·1	46	15	5	0·63	+ 0·23	44·6	+ 2·8	43	+ 3
	Felixstowe	60	33	53·5	40·6	46·7	− 2·4	39	4	5	0·31	—	65·8	—	64	—
	Clacton-on-Sea	57	35	52·0	41·1	46·2	− 2·2	33	3	3	0·25	—	61·3	—	60	—
	Rothamsted	59	29	53·7	35·9	44·3	− 4·9	42	17	6	0·33	− 0·11	39·9	− 0·3	39	0
	†Shoeburyness (Southend)	61	33	55·1	40·0	47·1	− 2·9	44	6	3	0·27	− 0·03	52·0	—	51	—
	London, Westminster	62	31	54·9	39·3	46·6	− 3·7	44	8	4	0·26	—	31·6	− 0·9	31	− 1
4. MIDLAND COUNTIES. — Eastern part.	Harrogate	56	30	50·9	35·1	42·5	− 4·0	32	19	5	0·66	+ 0·19	28·5	—	27	—
	†Bawtry (Worksop)	60	28	54·7	34·4	43·9	− 4·6	45	21	6	0·29	− 0·11	29·8	− 5·2	28	− 5
	Nottingham	58	29	53·3	34·4	43·3	− 5·5	41	21	5	0·41	0·00	37·2	—	36	—
	†Colly Weston (Oundle)	63	29	56·0	35·7	45·2	− 3·8	49	18	3	0·24	− 0·17	37·5	—	36	—
	Birmingham, Edgbaston	56	31	50·7	37·0	43·4	− 4·6	31	14	7	0·96	+ 0·48	21·5	—	21	—
	Oxford	59	30	54·6	37·6	45·6	− 3·7	44	12	5	0·41	+ 0·02	39·0	− 1·1	38	− 1
4. MIDLAND COUNTIES. — Western part.	†Cheadle (Sheffield)	54	29	49·6	35·0	41·9	− 4·8	21	27	7	1·20	+ 0·70	37·0	—	35	—
	Shrewsbury	57	29	51·9	34·6	42·7	− 5·8	36	21	7	0·70	—	*	*	*	*
	Hereford	57	29	52·2	34·8	43·0	− 5·8	37	20	6	1·01	+ 0·57	*	*	*	*
	Cirencester	58	26	52·3	33·4	42·3	− 5·9	38	24	5	0·51	+ 0·04	30·3	− 11·4	29	− 11
	Bath	57	30	52·9	36·1	44·0	− 6·2	39	17	5	0·37	− 0·10	33·8	—	33	—
	(Margate)												57·8	+ 16·8	56	+ 16
5. ENGLAND, S.	Kew	—	—	—	—	—	—	—	—	—	—	—	39·5	− 1·0	38	− 1
	Wisley, Surrey	59	31	54·6	36·8	45·2	− 4·5	44	15	6	0·25	—	37·6	—	37	—
	†Swarraton (Ventnor)	57	27	52·8	34·5	43·1	− 4·6	39	21	7	0·97	+ 0·52	41·0	− 6·3	40	− 6
	Tunbridge Wells	58	30	52·7	36·7	44·2	− 4·2	38	15	4	1·11	+ 0·69	48·3	+ 5·7	47	+ 6
	†Dungeness (Littlestone)	55	33	51·4	40·3	45·5	− 3·5	32	5	4	0·43	+ 0·13	54·4	—	53	—
	Hastings	55	32	51·1	40·8	45·6	− 3·7	30	3	5	0·74	+ 0·35	50·2	+ 2·9	49	+ 3
	Southampton	59	33	55·0	39·1	46·6	− 4·2	44	8	7	0·65	+ 0·20	33.2	− 11·5	32	− 11
	†Portland Bill (Worthing)	52	38	50·0	42·4	46·0	− 4·1	28	0	5	0·36	—	42·6	—	41	—
	(Eastbourne)												53·2	+ 6·9	52	+ 7
6. SCOTLAND, W.	Laudale, Loch Sunart	54	34	50·1	38·4	43·9	− 4·0	28	10	6	2·22	+ 1·32	*	*	*	*
	Glasgow	53	33	49·3	36·6	42·6	− 4·6	27	15	4	0·61	+ 0·08	27·3	− 6·7	26	− 6
	Dumfries	55	30	52·0	35·5	43·3	− 4·4	36	18	7	1·07	+ 0·52	*	*	*	*
	Cally	59	28	54·4	35·5	44·4	− 3·0	44	18	6	2·21	+ 1·56	*	*	*	*
	Douglas, Isle of Man	53	33	49·2	37·8	43·2	− 4·4	26	12	6	2·07	+ 1·54	35·3	− 11·9	33	− 11
7. ENGLAND, N.W.	Aspatria	54	30	50·1	36·2	42·7	− 4·8	29	16	5	0·62	+ 0·12	36·2	—	34	—
	Newton Rigg	55	31	50·3	34·5	41·9	− 4·6	23	29	5	0·53	+ 0·05	29·5	− 10·8	28	− 10
	Stonyhurst	53	32	49·0	36·8	42·5	− 4·9	25	15	5	0·92	+ 0·33	27·9	− 12·1	27	− 12
	Blackpool	55	33	50·3	37·0	43·3	− 5·0	30	14	5	0·59	+ 0·15	41·5	+ 0·3	40	0
	Manchester, Prestwich	54	33	50·3	37·6	43·6	− 4·2	30	12	5	1·12	+ 0·61	26·7	− 7·7	25	− 7
	†Liverpool Obs. (Hoylake)	58	35	52·0	39·0	45·1	− 4·0	34	8	5	0·58	+ 0·18	43·1	—	41	—
	†Hawarden Bridge (Southport)	63	31	53·3	37·5	44·9	− 4·3	39	13	3	0·42	+ 0·12	35·7	—	34	—
NORTH WALES	Llandudno	58	37	51·7	40·6	45·8	− 3·5	32	4	4	0·16	− 0·26	42·1	+ 0·4	40	0
	†Holyhead (Aberdovey)	53	33	49·6	41·0	45·0	− 3·7	25	3	6	0·85	+ 0·42	36·9	—	36	—
	Bettws-y-Coed	56	32	51·6	37·9	44·3	− 4·4	33	11	7	1·26	—	25·2	—	24	—
8. SOUTH WALES	Llangammarch Wells	54	25	46·2	36·6	41·1	− 6·4	12	20	7	1·87	—	21·8	—	21	—
	Pembroke	50	38	48·9	41·3	44·9	− 3·2	23	2	7	1·37	+ 0·94	40·5	− 5·8	39	− 6
	†Cardiff (Aberystwyth)	56	29	52·9	35·3	43·6	− 6·4	39	19	6	1·99	+ 1·44	37·0	*	36	—
8. ENGLAND, S.W.	†Clifton (Torquay)	57	33	52·6	38·4	45·1	− 4·9	37	10	5	0·51	0·00	35·7	− 11·2	35	− 11
	†Shaftesbury (Marlborough)	52	31	49·7	36·7	42·8	− 5·0	28	15	6	0·79	+ 0·28	24·8	− 13·2	24	− 13
	†Arlington (Newquay)	54	33	50·6	37·3	43·6	− 4·3	31	13	7	2·52	+ 1·88	*	*	*	*
	Cullompton	58	32	54·2	36·6	44·9	− 5·0	43	15	6	1·37	+ 0·86	32·5	− 8·3	32	− 8
	Plymouth	55	35	51·7	39·8	45·4	− 5·3	33	6	7	1·54	+ 1·05	37·1	− 7·6	36	− 7
	Falmouth	56	37	51·4	41·8	46·3	− 3·5	31	1	7	1·46	+ 0·89	45·7	− 2·1	45	− 2
9 IRELAND, N. — Western part.	Malin Head	55	34	48·3	36·9	42·3	− 5·1	24	14	7	0·86	+ 0·41	*	*	*	*
	Edenfel	56	33	51·3	37·0	43·7	− 3·3	33	14	7	1·56	+ 1·01	*	*	*	*
	Blacksod Point	54	35	50·1	40·1	44·8	− 4·2	28	5	7	1·59	+ 0·95	*	*	*	*
	Markree Castle	57	34	51·9	37·1	44·1	− 3·5	35	14	7	0·99	+ 0·43	32·0	− 6·8	30	− 6
9 IRELAND, N. — Eastern part.	Armagh	55	33	51·8	37·6	44·3	− 3·5	35	12	7	1·54	+ 1·05	23·2	− 14·9	22	− 14
	Donaghadee	54	33	49·3	37·9	43·3	− 4·6	26	11	6	1·09	+ 0·61	*	*	*	*
10. IRELAND, S. — Eastern part.	†Dublin, City (Phœnix Park)	59	35	54·1	39·7	46·5	− 3·2	41	6	6	0·92	+ 0·48	30·2	− 13·2	29	− 13
	Kilkenny	57	32	52·9	38·9	45·5	− 3·6	38	9	7	0·90	+ 0·41	*	*	*	*
	Waterford	56	32	53·0	38·4	45·3	− 3·4	38	10	5	1·03	+ 0·49	*	*	*	*
10. IRELAND, S. — Western part.	Birr Castle	57	30	53·0	37·3	44·7	− 4·0	39	13	7	1·90	+ 1·41	33·6	− 5·5	32	− 6
	Foynes	59	33	54·0	39·7	46·4	− 2·9	40	6	7	1·27	+ 0·73	*	*	*	*
	Killarney	57	32	53·6	39·6	46·2	− 3·4	39	7	7	1·99	+ 1·27	*	*	*	*
	Valencia	55	36	52·7	41·3	46·7	− 3·4	36	2	7	1·95	+ 1·17	33·7	− 9·1	33	− 9
	†Roches Point (Ballinacurra)	55	35	52·1	40·9	46·2	− 4·1	34	3	6	1·24	+ 0·61	36·2	—	35	—
11. ENGLISH CHANNEL	Scilly, St. Mary's	56	42	52·1	45·7	48·7	− 1·7	47	0	5	1·47	+ 1·06	39·9	− 7·9	39	− 8
	†Jersey, St. Aubins (St. Heliers)	57	39	52·9	43·1	47·7	− 3·5	40	0	6	0·74	+ 0·26	46·8	− 3·7	46	− 4
	Guernsey	56	37	52·3	42·1	46·9	− 3·5	34	0	6	1·02	+ 0·54	47·0	− 5·1	46	− 5

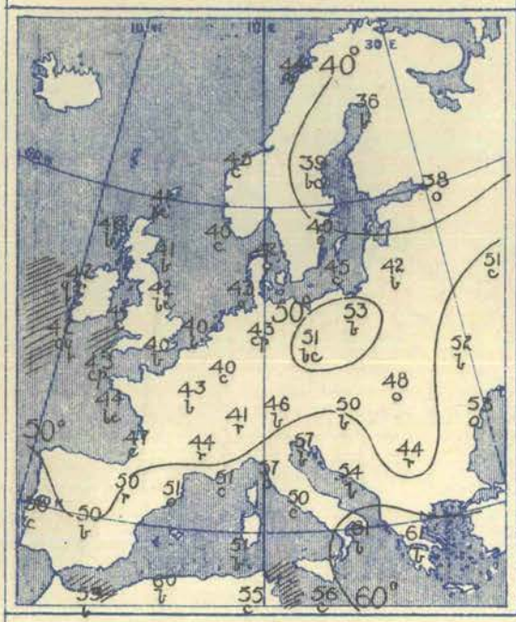
Information for Stations marked ℳ is supplied by the Royal Meteorological Society, and that for Stations marked 𝒮 is supplied by the Scottish Meteorological Society.

* An Asterisk is inserted in all places for which the information is not usually given.

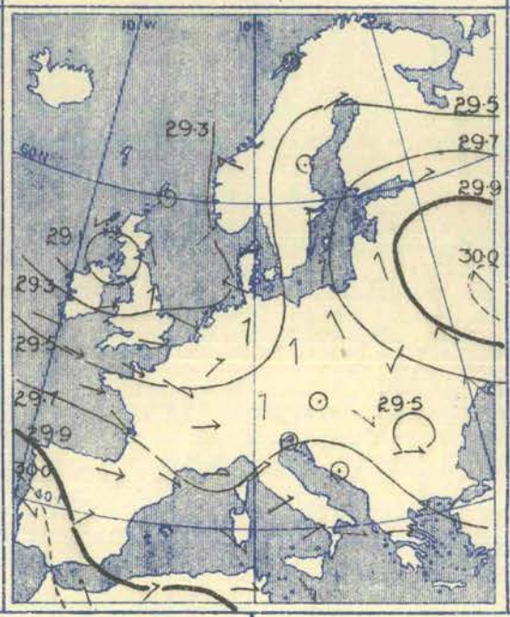
† There is no Sunshine Recorder in use at this Station. The figures entered for Sunshine are those recorded at a Station in the same district of which the name is given in brackets.

Sunday, 29th April, 1906.

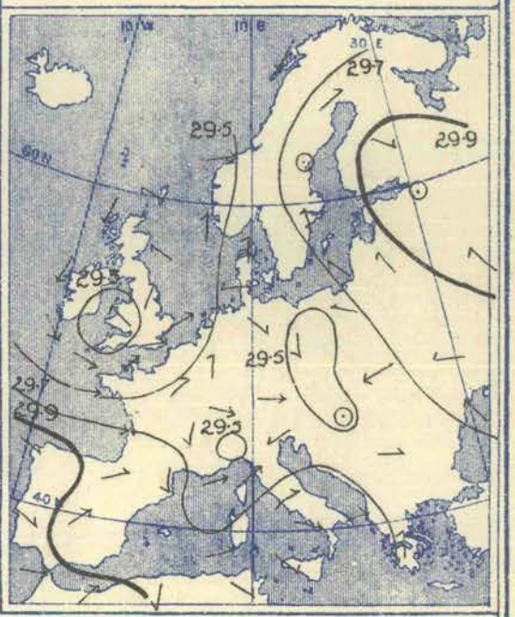
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. unsettled over our Islands and the nearer countries of the Continent; fine and bright at many stations, rainy or showery at others. Fine and bright in most parts of the east and south of Europe and also in the central regions, but rain falling at Oporto. Rain experienced later over the whole of western Europe, and thunderstorms occurring at Roche's Point and in the north-west and south-east of England.

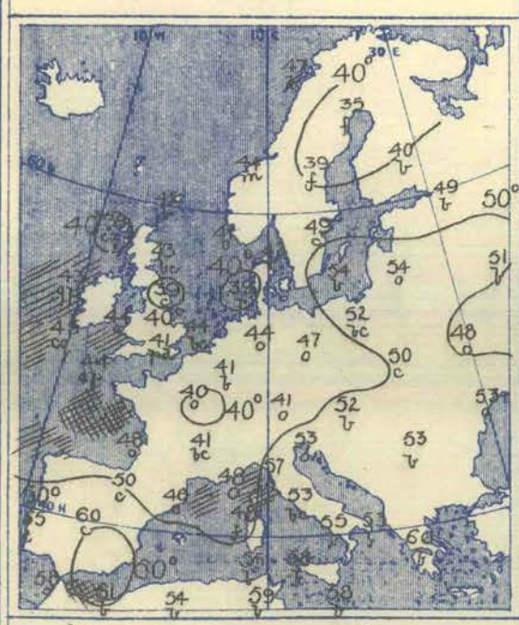
TEMPERATURE risen in Italy, central Europe, Scandinavia, and the north of Scotland, fallen elsewhere. Readings in morning ranging from about 60° at a few stations in the far south and 53° on the coast of north Germany to not much above 40° over Europe as a whole, and to 36° in Finland. Maxima during day below 50° at nearly all our own stations and not materially higher over the greater portion of France, but thermometer rising to above 60° in the central and southern countries, and to about 70° in places.

WIND in morning showing two chief circulations,—an anticyclonic one over Russia, and a cyclonic over the United Kingdom and its vicinity. Little force as a whole, but Westerly and North-Westerly current blowing freshly or strongly over the Bay of Biscay and the south-west of our Islands. Another cyclonic movement setting in later around the north of Italy, but little other change.

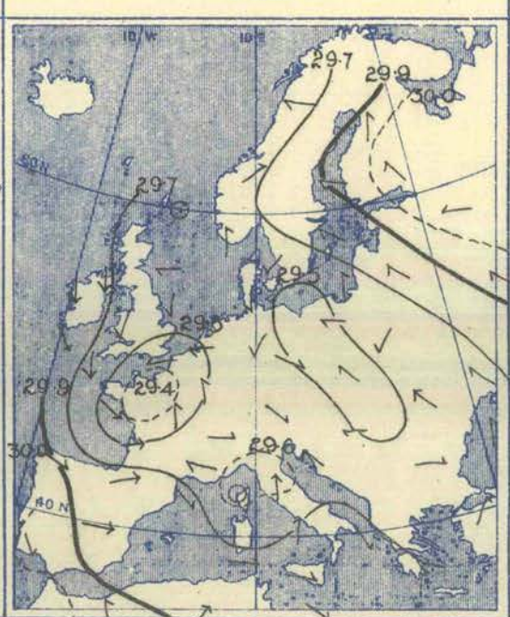
BAROMETER at 8 a.m. about 30·0 ins. in central Russia and also over Portugal and Morocco, and decreasing to 29·66 ins. at Malta, 29·5 ins. at Hermanstadt, and to less than 29·0 ins. in a deep depression having its centre over the north of Ireland. A well marked disturbance forming over the Plain of Lombardy during day, and Irish depression travelling southwards to the St. George's Channel. Gradients decreasing over our Islands, increasing over the Bay of Biscay and the west of France.

Monday, 30th April, 1906.

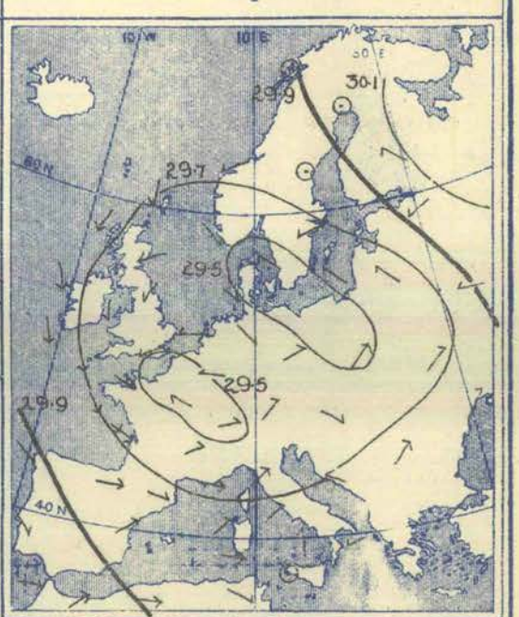
Temperature and Weather 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine and bright in Algeria and at some stations in Italy, as well as in the north-east of our area and in most parts of Scotland. Cloudy or overcast as a whole, with rain or passing showers in a few localities. More or less rain experienced later over the greater portion of this country and in most Continental regions. More than half an inch at Paris and Biarritz and also at some places in the extreme north of Europe.

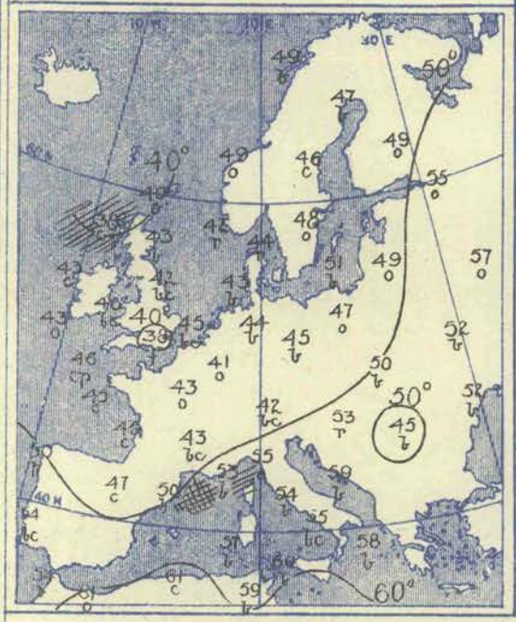
TEMPERATURE risen in the north and north-east of Europe, changed little elsewhere. Readings in morning about 60° at Athens and a few other southern stations; decreasing to below 50° over our Islands and the Continent generally, and to below 40° in the north of Sweden. Maxima during day 84° at Tunis, and above 70° in Algeria; thermometer not exceeding 50° in many parts of the United Kingdom and remaining below 60° in France and the greater portion of central Europe. Frost at night at several stations in Great Britain.

WIND in morning cyclonic very generally except in the north-east of our area. Northerly breeze fresh or strong over Ireland and the west of England and Westerly current strong over the Bay of Biscay. Little force elsewhere. Increasing in force from the Westward later on the Algerian coast, but no change of importance occurring.

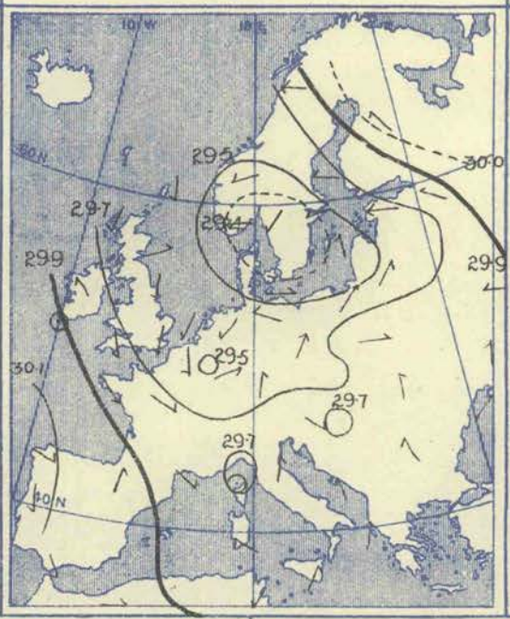
BAROMETER at 8 a.m. highest, above 30·0 ins. in an anticyclone over Finland and the north of Russia and also in another system extending from the Atlantic to the coast of Portugal. Lowest, 29·4 ins. and less in a depression centred over the north of France. Only a little higher in two other disturbances, one over the north of Italy and the other extending from Copenhagen to Hungary and Poland. Depressions undergoing some modification in form and position during day, but no great change in the height of the barometer taking place.

Tuesday, 1st May, 1906.

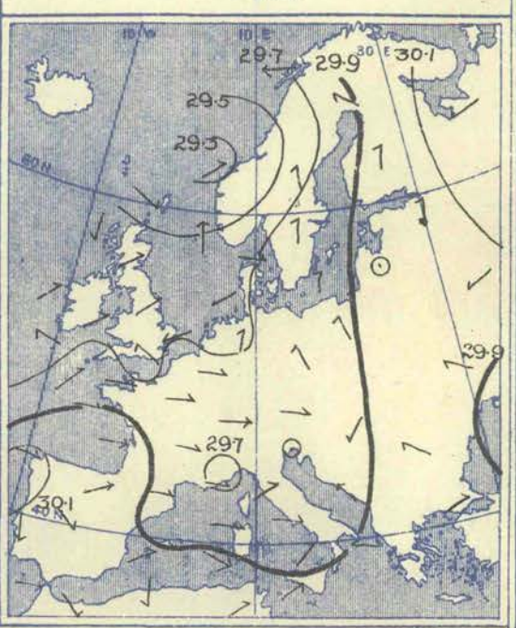
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine and bright at many stations in the south of our area and in the extreme north of Scandinavia; cloudy or overcast as a whole, with rain in central Europe, Holland, and the north of Denmark, and showers in the Scilly Isles. Slight falls of rain occurring later in most parts of Great Britain and about half an inch in the west of Ireland. Various amounts on the Continent, the largest being 0·5 in. at Biarritz and 0·9 in. at Florence. Thunder heard at Spurn Head and a thunderstorm experienced at Cuxhaven.

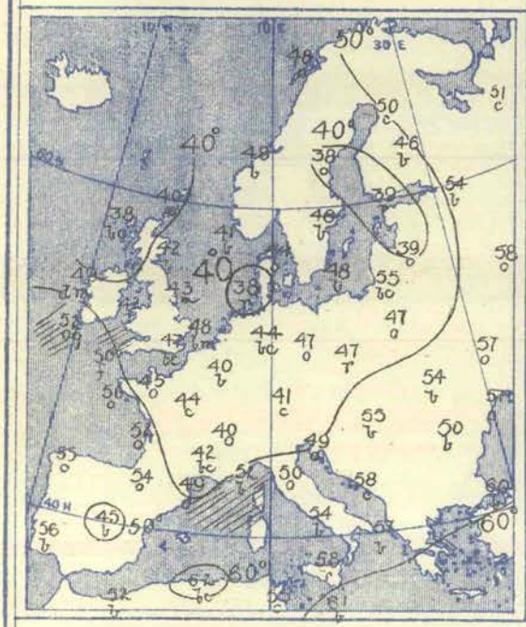
TEMPERATURE risen in the extreme north of Europe, fallen over the Baltic, changed little elsewhere. Readings in morning about 60° at some of the most southern stations, and as high as 55° and 57° respectively at St. Petersburg and Moscow; about 40 at some of our own and at a few stations in France. Lowest values 38° at Stornoway and in London. Maxima during day 79° at Palermo, 75° at Tunis, and about 70° at several other southern stations and as high as 68° at St. Petersburg.

WIND in morning showing a well marked cyclonic circulation around the Skager Rack and some minor cyclonic movements further south. Scarcely any force beyond a moderate breeeze except at Skagen and Helsingfors. Wind shifting from the Northward to South and South-East in Ireland by evening and to the South-Westward on the coast of Wales and the south-west of England.

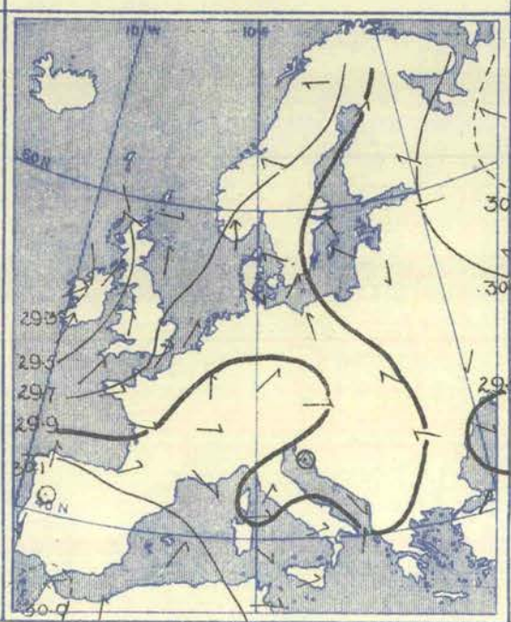
BAROMETER at 8 a.m. above 30·1 ins. in the north-west of Spain and only a little lower in the north-east of our area. Below 29·4 ins. in a depression centred over the Skager Rack, and about 29·5 ins. in a small minimum near Brussels; below 29·7 ins. in two other depressions, one over the south-east of France and north of Italy and the other near Buda-Pesth. Northern depression travelling north-westwards to beyond the north-west of Norway later and a decided fall of the barometer occurring on the west coasts of Ireland. Pressure increasing steadily over Spain, France, and Germany.

Wednesday, 2nd May, 1906.

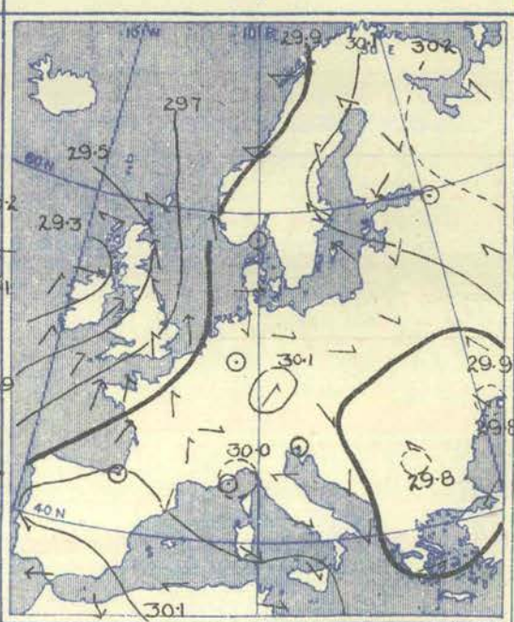
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. dull and rainy over the Gulf of Finland, at Swinemunde, and Fanö, as well as at our own western and south-western stations, and at Le Mans and Limoges. Fair or fine and bright in nearly all other regions, but rain falling at Palermo. Various amounts of rain experienced later over the United Kingdom and the north and west of France, largest measurements 0·4 in. at Birr Castle and Donaghadee.

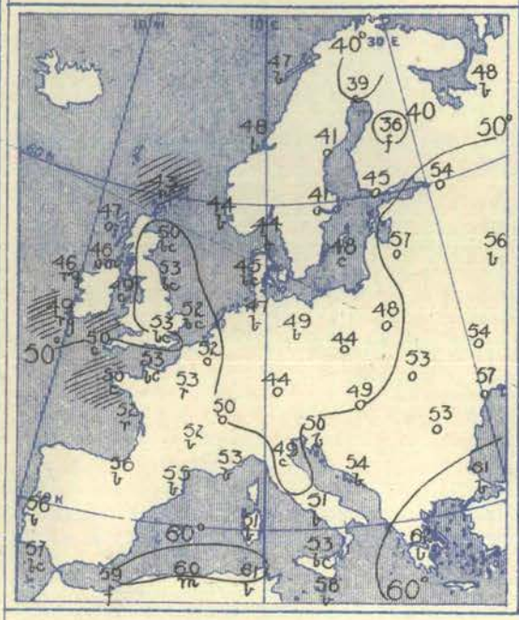
TEMPERATURE risen over these Islands, France, Portugal, and in the south of Russia, fallen or changed irregularly elsewhere. Morning readings only about 40° in some localities in the centre and north of our area, but as high as 51° at Archangel, 54° at St. Petersburg, and 58° at Moscow, and increasing to about 60° at some stations in the extreme south. Maxima during day above 50° in nearly all parts of the United Kingdom, above 60° in Italy and the south of France, and as high as 72° at San Fernando, Hermanstadt, and St. Petersburg.

WIND in morning light or moderate from the Southward over our Islands and their vicinity, fresh from West over the Bay of Biscay, and moderate from between East and South over Scandinavia. Light and mainly cyclonic breezes prevailing over the Mediterranean. Some increase in force taking place during day over the United Kingdom, and direction becoming South-Westerly in the south-west and South-Easterly in the north.

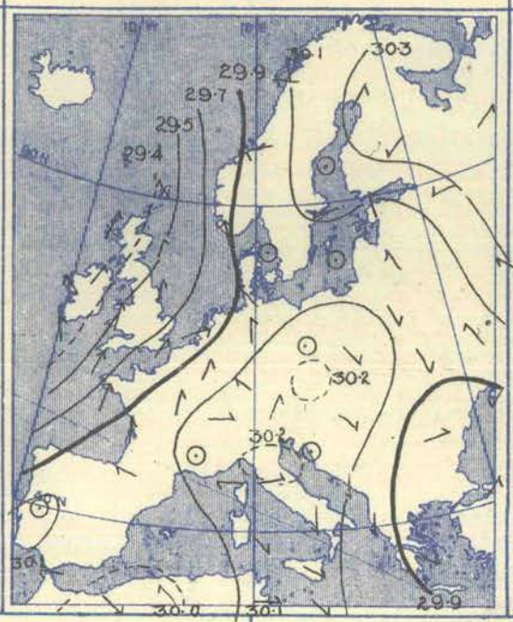
BAROMETER at 8 a.m. ranging from above 30·2 ins. in the north of Russia and above 30·1 ins. over Algeria and the greater part of the Spanish Peninsula to 29·8 ins. and less in a depression over the south of Poland, and to below 29·3 ins. in another system centred off our own west coasts. Pressure rising again later in the west and south-west of Ireland and depression travelling north-eastwards. Gradients increasing over our Islands and their neighbourhood.

Thursday, 3rd May, 1906.

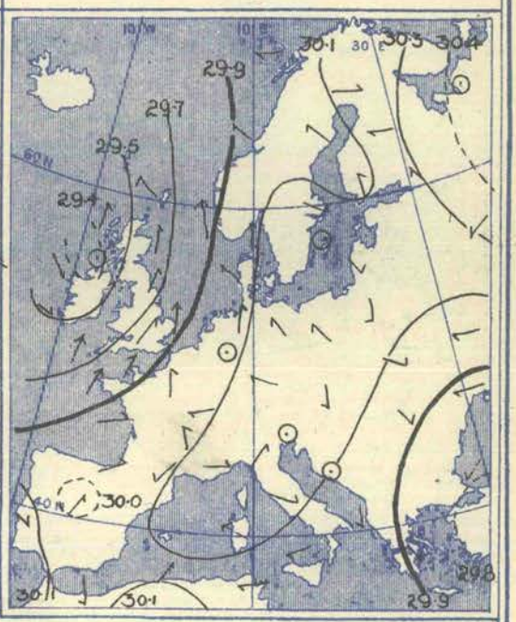
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. rainy in the west of Ireland and showery at some English stations. Fair or fine over our area as a whole, but dull in places, and rainy at Paris, Rochefort, and Groningen. Showers falling later over the United Kingdom, the Netherlands, and the north of France, as well as in the southern half of Russia. Largest measurements, 0·6 in. at Cape Griz Nez, and 0·8 in. at Birr Castle.

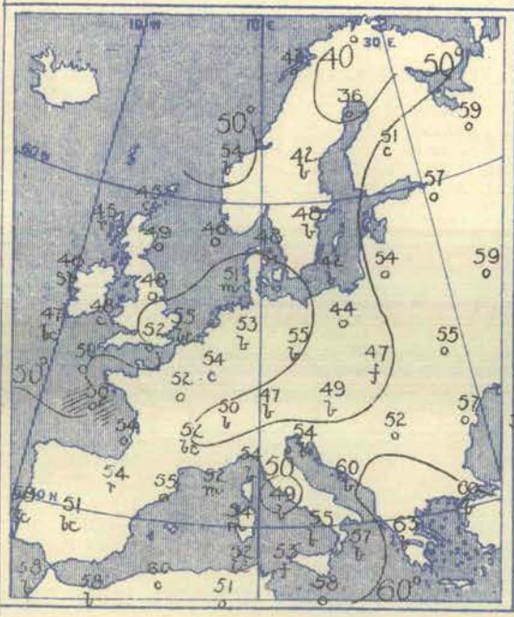
TEMPERATURE risen in most parts of our Islands and over the western countries of the Continent, fallen in several central and northern regions. Readings at 8 a.m. ranging from 62° in Greece and about 60° at some Algerian stations to slightly above 50° in most parts of Great Britain, and to 36° at Kuopio. Rising later to 70° or above in Greece, the Spanish Peninsula, and the south-west of France, and to above 65° in many other regions; Maxima rather less than 60° over these Islands.

WIND in morning Southerly or South-Westerly over the United Kingdom and the nearer parts of the Continent, and drawing into East over Scandinavia. Fresh or strong in force at a few stations on our west and south-west coasts, but light or moderate generally. Light anticyclonic airs prevailing over the major portion of the Continent. Veering to the North-Westward on the west coast of Ireland by evening, but not much change as a whole.

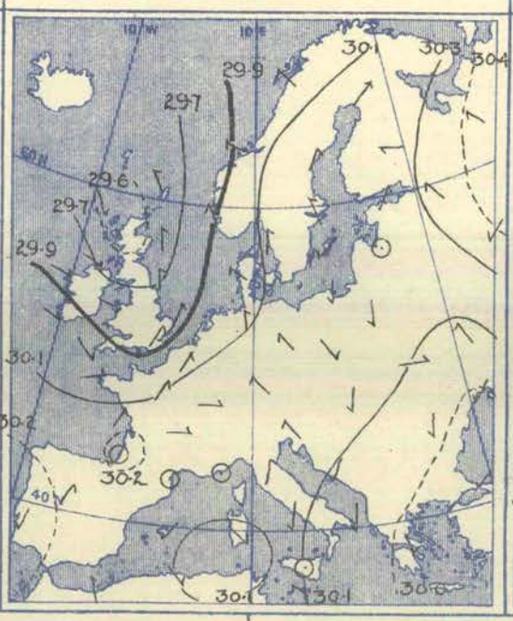
BAROMETER at 8 a.m. highest, above 30·3 ins. over Finland and the north of Russia, and above 30·1 ins. in a large area extending from the north coast of Africa to north Germany. Lowest, less than 29·4 ins., in a depression extending from the Atlantic over the western halves of Ireland and Scotland. Relatively low over the extreme south-east of Sweden and also over the south-east of Europe. Atlantic disturbance moving north-eastwards during day and proving to be of a V-shaped character. No important modification occurring in the general distribution of pressure.

Friday, 4th May, 1906.

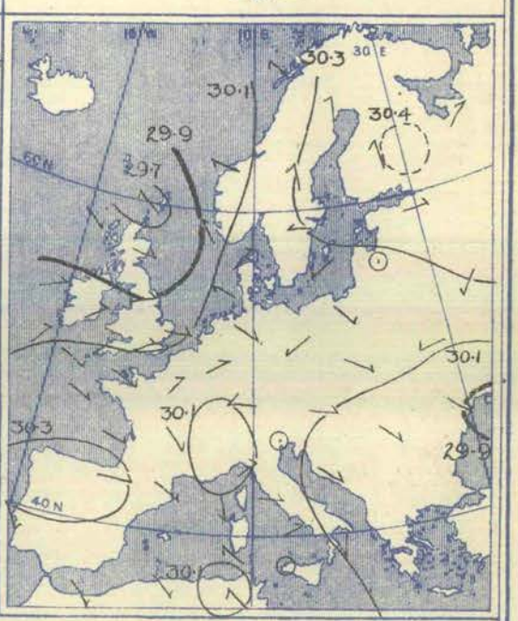
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine in most southern regions and also over Sweden; cloudy or quite overcast elsewhere, with rain showers at Pembroke, and rain at Limoges and Biarritz. Rain falling later over our own western and northern districts, as much as 0·7 in. at Valencia, and large amounts in the east of France, 0·9 in. at Belfort and 1·8 in. at Besançon.

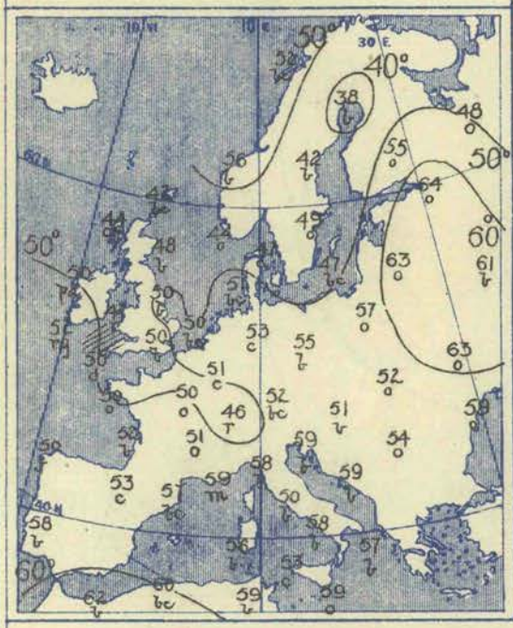
TEMPERATURE changed irregularly. Readings in morning ranging from about 60° at some stations in the extreme south, and also at Moscow and Archangel, to 44° at Warsaw and Prague and to 36° at Haparanda. Rising during day to about 60° at a few English stations, to about 70° in some parts of France and Germany, to 77° at Tunis, and to 79° at St. Petersburg. Maximum at Bilbao as low as 59° and no higher than 62° at Malta.

WIND in morning light to moderate or fresh from the North-Westward over the western half of these Islands and from the South-Westward or Southward in the east and over the adjacent portion of the Continent. Light variable airs prevailing over the southern regions of Europe and light anticyclonic breezes in the north. Wind backing towards South-West in Ireland later and veering to West over the east of England and Scotland. Southerly wind increasing to a fresh gale at Skudesnaes.

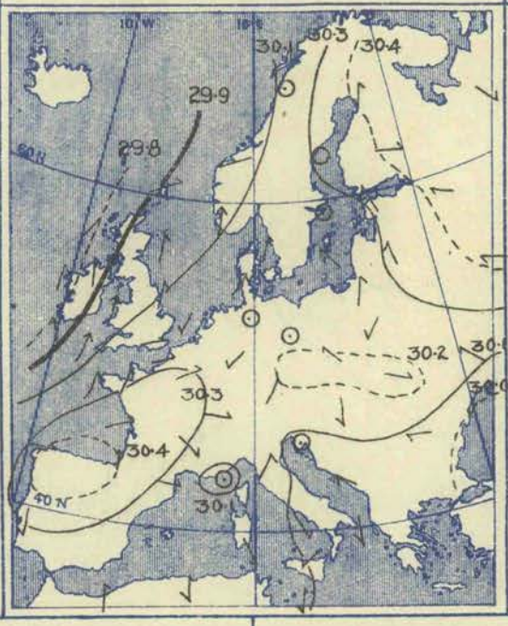
BAROMETER at 8 a.m. above 30·4 ins. in the north of Russia, above 30·3 ins. in an anticyclone centred over the upper part of the Baltic and nearly as high over Portugal. Below 29·6 ins. in a depression of a V-shaped type having its minimum over Scotland, and relatively low over the south-east of Europe. Scotch disturbance moving north-eastwards later and the Portuguese high pressure extending to the Bay of Biscay and the south-west of France. Barometer rising throughout the United Kingdom.

Saturday, 5th May, 1906.

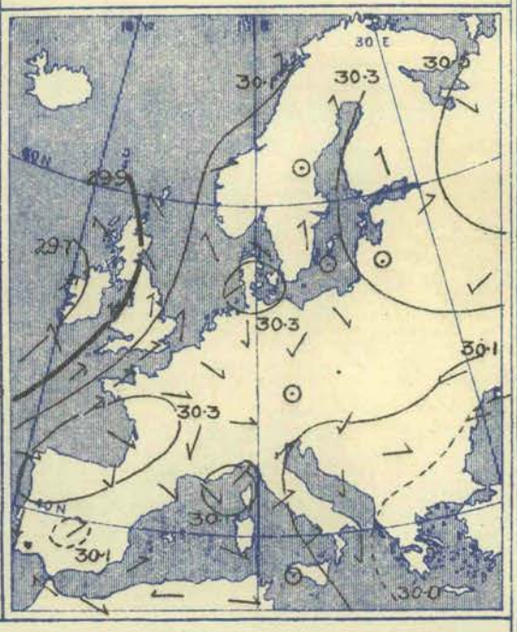
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine and bright over the greater part of our area, but dull and rainy in Ireland and Wales, and showery in the Hebrides; dull also at some Continental stations, with rain at Faerder. Considerable falls of rain later in most parts of the United Kingdom (as much as 0·8 ins. at Pembroke) and also in Brittany and at Turin.

TEMPERATURE risen over the northern countries of the Continent, changed little and rather irregularly elsewhere. Readings at 8 a.m. ranging from 64° at St. Petersburg and 63° at Kieff to less than 50° in most parts of these Islands and at various stations on the Continent, and to less than 40° in the extreme north of Sweden. Rising during day to above 60° at a few of our own stations, to about 70° over Algeria and the southern parts of Europe, and to 81° at St. Petersburg.

WIND in morning light to fresh from South or South-West over the United Kingdom and the nearer portion of the Continent. Light anticyclonic airs prevailing over our area as a whole. Southerly and South-Westerly current becoming much accentuated over this country and its neighbourhood by evening.

BAROMETER in morning above 30·4 ins. over the north of Russia and in a smaller area over the north of Spain. Below 30·1 ins. in a depression over the Gulf of Genoa, and less than 29·8 ins. in another system off the west and north-west of these Islands. Latter system advancing more over the United Kingdom during day and gradient increasing considerably. No important modification occurring in the general distribution of pressure.

IV.—TEMPERATURE on the Grass, and in the Ground.

	STATION.	Grass Min.		Mean Earth Temp.	
		No. of Obs. of 30° or less.	Lowest reading.	At 1 foot.	At 4 feet.
2.	York	—	—	44·3	44·7
	Hull	5	23	45·3	45·0
3.	Cambridge	4	23	—	—
	Dunmow	—	—	—	—
4.	Harrogate	5	25	42·8	43·2
	Sheffield	—	—	43·4	43·0
	Birmingham	3	26	42·3	44·0
	Nottingham	4	25	45·4	44·0
5.	Kew	—	—	—	—
	Canterbury	3	27	46·4	47·1
	Portsmouth	2	28	48·6	48·2
6.	Glasgow	5	23	—	—
7.	Newton Rigg	6	24	44·4	44·0
	Bettws-y-Coed	0	32	44·4	45·0
	Manchester (Oldham Road)	0	31	43·3	45·2
8.	Llangammarch Wells	—	—	44·6	45·0
	Bath	—	—	47·3	47·8
	Plymouth	1	29	49·7	—
9.	Armagh	—	—	—	—
	Markree	—	—	—	—
10.	Dublin, Trin. Coll.	—	—	—	—
11.	Guernsey	—	—	—	—

V.—OBSERVATIONS IN THE UPPER AIR.—Temperature, Humidity and Wind Velocity.

Date of Observation.	Station and its Height above M.S.L.		Heights in feet above Mean Sea Level.							Remarks.
			Ground Level.	1,660.	3,320.	5,000.	6,660.	8,320.	10,000.	
1906. May 3rd, 10.13 a.m. to 3.50 p.m.	Ditcham Park, Petersfield, 400 ft.	Temperature F.	54°	44°	39°	32°	26°			Two small kites. Wire 10,300 ft. Max. height 6,950 ft. Wire broke when winding in; kites travelled at first at the rate of 43 miles per hour.
		Humidity	80	100	65	90	100			
		Wind Velocity, m. per hr.	S by E	40	40	40	SW½ S, 45			
May 3rd, 3.0 p.m. to 4.10 p.m.	Oxshott, Surrey, 200 ft.	Temperature F.	56°	47°	38°	[32°]				One kite. Wire 5,500 ft. Max. height 4,400 ft. Cloud level 4,200 ft. Upper layer of clouds not reached. Slight rain at intervals.
		Humidity	80	85	95	[100]				
		Wind Velocity, m. per hr.	S, 15	SSW, 38	45	[SW by S,50]				
May 3rd, 12.15 p.m. to 2.0 p.m.	Brighton, 380 ft.	Temperature F.	57°	50°						Rain at intervals after 12.40 p.m. Max. height 2,000 ft.
		Humidity	60	80						
		Wind Velocity, m. per hr.	SSW	SW by W						
May 6th, 10.45 a.m. to 11.45 a.m.	Brighton, 380 ft.	Temperature F.	53°	1,600 ft. 46°						Cloudy. Cloud level 1,300 ft.
		Humidity	50	65						
		Wind Velocity, m. per hr.	S by W	WSW						
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								

63, Victoria Street, London, S.W.
May 9th, 1906.

W. N. SHAW,
Director.

ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE,

AND PUBLISHED FOR H.M. STATIONERY OFFICE BY WYMAN AND SONS, LTD., FETTER LANE, E.C., AND 32, ABINGDON STREET, WESTMINSTER, S.W.; OR OLIVER AND BOYD, EDINBURGH; OR E. PONSONBY, 116, GRAFTON STREET, DUBLIN.

TWENTY-NINTH YEAR. Vol. XXIII. (New Series.) } No. 19. NINETEENTH WEEK, ENDING SATURDAY, MAY 12TH, 1906. [Price 6d. Annual Subscription post paid £1 10s. 0d.

I.—GENERAL REMARKS.

Weather during this period varied greatly; severe thunderstorms were experienced on Tuesday in many parts of England, accompanied by little or no rain in many places, and by extremely heavy falls in others—especially in the neighbourhood of Windsor and at various spots in Derbyshire and Cheshire. Thunderstorms were also experienced at some stations on Wednesday, and again on Saturday.

Temperature underwent frequent and considerable changes, but as a whole was above the average except in Scotland N. and Ireland N.; in the Midland Counties the excess was rather more than 4°. The highest of the maxima, which were mostly registered early in the week, ranged from 77° in England S. and 75° in England E. and the Midland Counties to 65° in Ireland N. and to 63° in Scotland N. The absolute minima were recorded, as a rule, either on the 10th or 11th. They were very low in Scotland E. and N., and also in Ireland, the thermometer falling to 23° at Balmoral, 28° at Lairg and Fort Augustus, and 30° at Birr Castle. Over England the readings varied from 33° in England E. and S.W. to 39° in the Midland Counties; in the Channel Islands the lowest value was 45°.

Rainfall was more than the average in Scotland and the north of England, less elsewhere. At Slough as much as 1·96 ins. was recorded during the thunderstorm on Tuesday. The newspapers reported flooding rains at Buxton and at Hyde, Cheshire.

Bright Sunshine was deficient in all districts, the percentage of possible duration ranged from 37 in Ireland S. and 32 in England S. to 20 in the Channel Islands, 16 in the Midland Counties, and to 15° in England N.W.

Barometer and Wind.—During the earlier days of the week a depression travelled north-eastwards outside our western and north-western coasts and the wind current over our Islands was Southerly and South-Westerly. By Tuesday the barometer had become very uniform, but low pressure systems of considerable size and little depth subsequently reached England and the North Sea from the southward and the wind shifted to the Northward over the whole Kingdom. On Friday these disturbances had disappeared and the arrival of a depression off Ireland caused the wind to again become Southerly. This depression advanced no further, but a fall of the barometer over the Peninsula and the Bay of Biscay and a rise over Denmark produced an Easterly or South-Easterly current of wind over our Islands.

Earthquake Shocks.—At about 8.20 p.m. on the 7th two distinct, though slight, earthquake shocks were experienced at Fort William.

SUMMARY OF TEMPERATURE, RAINFALL, AND DURATION OF BRIGHT SUNSHINE IN THE UNITED KINGDOM, FOR AGRICULTURAL AND SANITARY PURPOSES.

THE WEEK (19th)—May 6th to May 12th, 1906.

DISTRICTS. (See p. 110.)	Temperature. Highest.	Lowest.	Means of: Daily Max.	Daily Min.	Daily Mean.	Difference from Av. (35 Yrs.)	Accumulated. Number of Day-Degrees. Above 42°	Difference from Av. (25 Yrs.)	Below 42°	Difference from Av. (25 Yrs.)	Rainfall. Number of Rain-Days.	Diff. from Av. (35 Yrs.)	Total Fall.	Difference from Average (35 Yrs.)	Sunshine. Hours recorded.	Diff. from Av. (25 Yrs.)	Percentage of Possible Duration	Diff. from Av. (25 Yrs.)
	°	°	°	°	°	°	Day-deg.	Day-deg.	Day-deg	Day-deg.			Inches.	Inches.			%	%
0. SCOTLAND, NORTH ..	63	28	51·4	39·2	44·9	− 1·4	32	− 7	8	− 1	5	+ 1	0·71	+0·10	24	−13	21	−12
Eastern 1. SCOTLAND, EAST ..	68	23	55·6	41·1	47·9	+ 0·8	45	− 1	3	− 5	4	+ 1	0·89	+0·43	25	−14	23	−12
Eastern 2. ENGLAND, N.E. ..	72	34	58·9	45·8	52·0	+ 3·6	70	+25	0	− 5	3	0	0·43	+0·01	23	−24	21	−22
Eastern 3. ENGLAND, EAST ..	75	33	60·0	45·8	52·5	+ 2·4	74	+16	0	− 6	2	− 1	0·26	−0·13	32	−17	31	−16
Eastern 4. MIDLAND COUNTIES	75	39	61·2	46·0	53·6	+ 4·1	81	+22	0	− 6	3	0	0·20	−0·24	18	−20	16	−19
Eastern 5. ENGLAND, SOUTH ..	77	38	61·1	47·0	53·6	+ 3·2	81	+16	0	− 2	2	− 1	0·18	−0·21	34	−13	32	−12
Western 6. SCOTLAND, WEST ..	68	34	55·4	43·8	49·2	+ 0·7	50	+ 1	0	− 5	5	+ 2	0·78	+0·15	27	−16	24	−14
Western 7. ENGLAND, N.W. ..	66	36	56·8	45·9	51·0	+ 1·7	63	+ 9	0	− 3	4	+ 1	0·89	+0·43	16	−25	15	−23
Western 8. ENGLAND, S.W. ..	72	33	58·5	46·7	52·2	+ 2·1	71	+12	0	− 2	3	0	0·21	−0·29	23	−20	22	−19
Western 9. IRELAND, NORTH ..	65	31	55·0	42·9	48·6	− 0·1	46	+ 7	0	− 3	4	0	0·27	−0·26	33	− 8	30	− 7
Western 10. IRELAND, SOUTH ..	68	30	57·7	44·5	50·7	+ 0·3	61	0	0	− 2	3	0	0·31	−0·24	40	− 2	37	− 2
11. CHANNEL ISLANDS..	72	45	57·4	48·1	52·5	+ 0·9	74	+ 5	0	0	4	+ 1	0·19	−0·23	21	−32	20	−31

THE SEASON (**Spring**).—Aggregates, &c., for the Period of 10 Weeks, March 4th to May 12th, 1906.

0. SCOTLAND NORTH ..	71	8	*	*	*	*	184	−34	286	+ 69	50	+ 8	9·09	+1·24	305	+15	32	+ 2
Eastern 1. SCOTLAND, EAST ..	72	11	*	*	*	*	265	− 8	275	+ 50	40	+ 4	5·26	+0·44	366	+58	39	+ 6
Eastern 2. ENGLAND, N.E. ..	72	18	*	*	*	*	335	+56	200	+ 28	36	+ 3	2·75	−1·18	394	+48	42	+ 5
Eastern 3. ENGLAND, EAST ..	75	24	*	*	*	*	359	− 5	164	− 17	30	− 2	2·44	−1·22	413	+68	45	+ 7
Eastern 4. MIDLAND COUNTIES	75	18	*	*	*	*	397	+19	206	+ 18	33	+ 1	2·76	−1·48	354	+37	38	+ 4
Eastern 5. ENGLAND, SOUTH ..	77	22	*	*	*	*	369	−25	150	+ 25	31	0	3·06	−1·06	411	+54	45	+ 6
Western 6. SCOTLAND, WEST ..	71	18	*	*	*	*	302	+ 8	181	+ 23	36	0	7·57	+0·29	354	+29	38	+ 3
Western 7. ENGLAND, N.W. ..	70	16	*	*	*	*	306	−21	171	+ 37	33	0	5·34	+0·53	363	+57	39	+ 6
Western 8. ENGLAND, S.W. ..	72	19	*	*	*	*	358	−14	147	+ 49	33	0	5·05	−0·73	409	+71	44	+ 8
Western 9. IRELAND, NORTH ..	67	20	*	*	*	*	283	−47	146	+ 20	47	+ 6	6·36	+0·75	322	+13	35	+ 1
Western 10. IRELAND, SOUTH ..	68	25	*	*	*	*	377	−24	102	+ 9	39	+ 2	5·25	−1·12	369	+18	40	+ 2
11. CHANNEL ISLANDS..	72	31	*	*	*	*	380	−68	36	+ 4	36	0	3·60	−1·44	436	+27	47	+ 3

THE YEAR.—Aggregates, &c., for the period of 19 Weeks, December 31st, 1905, to May 12th, 1906.

0. SCOTLAND, NORTH ..	71	8	*	*	*	*	202	−82	627	+ 88	102	+18	22·17	+4·63	410	+26	28	+ 2
Eastern 1. SCOTLAND, EAST ..	72	11	*	*	*	*	302	−52	605	+ 15	76	+ 6	10·25	+0·31	530	+93	36	+ 6
Eastern 2. ENGLAND, N.E. ..	72	18	*	*	*	*	391	+28	461	− 18	73	+ 8	6·83	−0·72	551	+67	37	+ 5
Eastern 3. ENGLAND, EAST ..	75	23	*	*	*	*	437	−22	413	−109	71	+ 6	8·04	+0·89	569	+93	38	+ 6
Eastern 4. MIDLAND COUNTIES	75	18	*	*	*	*	476	−10	482	− 51	73	+ 8	8·67	+0·14	496	+63	33	+ 4
Eastern 5. ENGLAND, SOUTH ..	77	20	*	*	*	*	502	−12	351	− 36	76	+12	10·52	+1·75	588	+93	39	+ 6
Western 6. SCOTLAND, WEST ..	71	14	*	*	*	*	364	−24	415	+ 1	81	+ 6	18·46	+2·09	497	+67	34	+ 5
Western 7. ENGLAND, N.W. ..	70	16	*	*	*	*	383	−46	378	− 10	76	+ 8	13·90	+3·61	493	+76	33	+ 5
Western 8. ENGLAND, S.W. ..	72	19	*	*	*	*	510	−17	327	+ 33	80	+11	16·63	+3·80	569	+98	38	+ 7
Western 9. IRELAND, NORTH ..	67	20	*	*	*	*	381	−76	352	+ 2	102	+19	15·03	+3·06	471	+44	32	+ 3
Western 10. IRELAND, SOUTH ..	68	24	*	*	*	*	565	−25	264	+ 3	91	+15	14·02	−0·36	520	+25	35	+ 2
11. CHANNEL ISLANDS..	72	27	*	*	*	*	620	−55	79	− 35	90	+15	12·23	+0·85	621	+46	41	+ 3

Bright Sunshine.—For certain of the Districts the values of Bright Sunshine in this Table are based on the records from a part only of the Stations included in the Tables under II. and IV. For certain of the Stations Mean Values are not available, and for the Districts containing these Stations the "Difference from Average" is based on the records from a smaller number of Stations than those supplying the values for "Hours Recorded."

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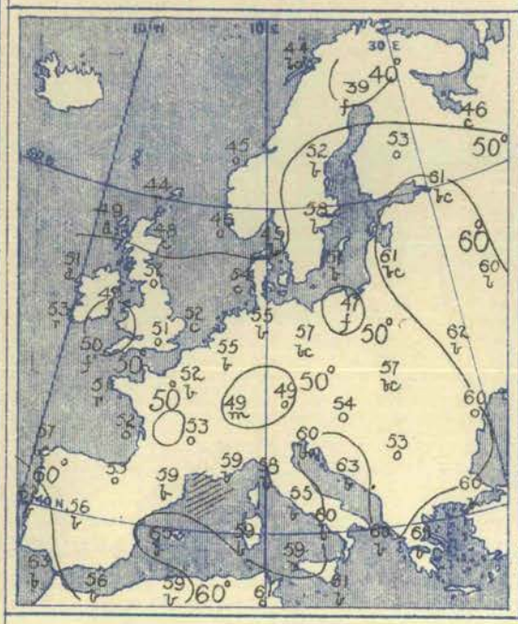
May 6-12, 1906. Districts	Names of Stations.	Temperature. In Degrees Fahrenheit. Highest observed.	Lowest observed.	Averages for the Week. Of Highest each day.	Of Lowest each day.	For whole of each day.	Difference of Daily Average from Mean for the Week.	Accumulated Heat for the Week (in Day-degrees). Above 42°	Below 42°	Rainfall. Number of Rain-Days.	Rainfall in the Week.	Difference from the Mean for the Week.	Bright Sunshine. Number of Hours recorded.	Difference from the Mean for the Week.	Percentage of possible duration.	Difference from the Mean for the Week.
		°	°	°	°	°	°	Day-deg	Day-deg		Inches.	Inches.	Hrs.	Hrs.	%	%
O. SCOTLAND, N.	†Sumburgh Head (Deerness)	52	37	47·6	40·0	43·6	− 0·5	20	6	5	0·52	+ 0·08	36·6	− 1·3	32	− 1
	Wick	58	33	51·9	39·6	45·4	− 0·6	34	7	5	0·64	+ 0·23	*	*	*	*
	†Lairg (Strathpeffer) S	63	28	54·4	38·6	46·0	+ 0·5	42	10	6	0·49	− 0·01	20·3	− 17·2	18	− 15
	Stornoway	55	30	51·0	38·6	44·4	− 1·7	31	10	5	0·86	+ 0·31	29·6	− 12·5	26	− 11
	Glencarron	57	30	51·0	36·9	43·5	− 3·0	32	14	5	1·07	0·00	*	*	*	*
	Fort Augustus	57	28	51·3	39·6	45·3	− 2·4	33	7	4	0·50	− 0·02	8·1	− 21·6	7	− 20
	Fort William M S	57	31	52·3	40·8	46·2	− 2·0	34	3	4	0·91	+ 0·10	*	*	*	*
1. SCOTLAND, E.	Nairn	68	28	56·0	39·9	47·5	0·0	47	6	5	0·71	+ 0·36	*	*	*	*
	Aberdeen	63	32	53·7	41·9	47·5	+ 0·4	39	0	3	0·68	+ 0·19	32·9	− 8·4	30	− 8
	†Balmoral (Crathes) M S	62	23	55·5	37·4	45·9	+ 1·5	47	13	4	0·90	+ 0·39	32·7	—	30	—
	†Clathick (Balruddery) S	63	31	56·2	41·8	48·6	+ 0·2	47	1	4	0·97	+ 0·46	19·4	—	18	—
	†Leith (Edinburgh) S	66	36	56·6	43·9	49·9	+ 1·3	55	0	4	1·07	+ 0·69	23·9	− 11·3	22	− 10
	Marchmont S	61	32	55·3	41·4	47·9	+ 1·6	44	2	3	1·01	+ 0·46	17·4	− 21·2	16	− 19
2. ENGLAND, N.E. Northern part.	†Alnwick Castle (Cockle Park)	67	34	57·5	43·6	50·1	+ 3·4	57	0	4	1·32	+ 0·82	22·3	—	20	—
	†Shields (Newcastle)	65	37	56·0	43·9	49·6	+ 2·3	53	0	5	0·59	+ 0·21	14·3	− 16·7	13	− 15
	Durham	63	36	57·5	45·0	50·9	+ 3·6	62	0	3	0·44	0·00	15·1	− 21·7	14	− 20
	Scarborough M	67	42	57·8	46·6	51·9	+ 4·0	69	0	3	0·12	− 0·31	31·7	—	29	—
	York	68	42	62·7	47·0	54·4	+ 5·2	87	0	5	0·15	− 0·27	12·4	− 25·8	12	− 24
Southern part.	†Spurn Head (Saltburn)	67	43	56·3	46·9	51·3	+ 3·0	65	0	1	0·09	− 0·26	21·8	—	20	—
	†Lincoln (Skegness)	71	39	61·6	47·0	53·9	+ 3·5	83	0	3	0·29	− 0·11	32·3	—	30	—
	†Fulbeck (Rauceby)	72	40	62·1	46·4	53·8	+ 3·5	83	0	3	0·42	+ 0·01	22·5	—	21	—
	(Cromer)												35·9	—	34	—
3. ENGLAND, E. Northern part.	Hillington M	67	38	60·4	44·7	52·1	+ 2·6	71	0	3	0·37	− 0·05	26·2	− 17·6	25	− 16
	†Yarmouth (Lowestoft)	61	41	55·6	46·1	50·6	+ 2·2	60	0	1	0·16	− 0·23	45·3	—	42	—
	Geldeston	68	33	61·5	42·2	51·3	+ 2·0	65	0	3	1·18	+ 0·79	41·5	− 5·1	39	− 5
	(Dunmow)												25·3	—	24	—
Southern part.	Cambridge	73	40	61·6	45·3	53·0	+ 2·6	77	0	2	0·13	− 0·27	25·3	− 18·4	24	− 17
	Felixstowe	65	44	59·6	46·7	52·8	+ 2·4	76	0	2	0·05	—	47·5	—	45	—
	Clacton-on-Sea	67	45	57·6	47·0	52·0	+ 1·4	70	0	1	0·08	—	45·0	—	43	—
	Rothamsted	74	41	61·1	45·3	52·7	+ 3·5	75	0	3	0·18	− 0·26	18·6	− 23·4	18	− 22
	†Shoeburyness (Southend)	67	43	60·7	46·0	52·9	+ 1·8	76	0	1	0·18	− 0·12	45·5	—	43	—
	London, Westminster	75	45	61·9	48·9	55·0	+ 3·5	91	0	0	0·00	—	15·0	− 20·0	14	− 19
4. MIDLAND COUNTIES. Eastern part.	Harrogate	66	40	58·6	45·6	51·7	+ 4·3	68	0	4	0·08	− 0·37	13·5	—	13	—
	†Bawtry (Worksop)	69	40	63·0	46·7	54·4	+ 4·9	87	0	2	0·09	− 0·31	13·8	− 22·8	13	− 21
	Nottingham	71	42	61·9	47·1	54·1	+ 4·3	85	0	3	0·55	+ 0·13	16·3	—	15	—
	†Colly Weston (Oundle)	73	40	64·3	45·7	54·4	+ 4·4	87	0	6	0·62	+ 0·19	18·0	—	17	—
	Birmingham, Edgbaston	71	41	60·0	47·2	53·2	+ 4·2	78	0	3	0·21	− 0·27	12·0	—	11	—
	Oxford	75	43	62·1	47·6	54·4	+ 3·9	87	0	3	0·04	− 0·36	18·7	− 23·1	18	− 22
Western part.	†Cheadle (Sheffield) M	69	40	59·8	46·0	52·5	+ 4·6	74	0	3	0·16	− 0·34	11·6	—	11	—
	Shrewsbury	66	43	60·8	47·8	53·9	+ 4·0	83	0	3	0·05	—	*	*	*	*
	Hereford M	70	39	60·8	47·7	53·9	+ 3·9	83	0	2	0·25	− 0·20	*	*	*	*
	Cirencester	72	39	61·0	46·1	53·1	+ 3·9	78	0	2	0·12	− 0·34	29·0	− 14·8	27	− 14
	Bath	72	43	61·0	48·4	54·3	+ 2·7	86	0	1	0·05	− 0·40	24·9	—	24	—
	(Margate)												57·8	+ 15·2	55	+ 14
5. ENGLAND, S.	Kew	74	43	61·8	47·5	54·2	+ 3·5	85	0	2	0·81	+ 0·43	16·9	− 26·1	16	− 25
	Wisley, Surrey	74	43	62·5	46·7	54·1	+ 3·2	85	0	4	0·08	—	20·5	—	19	—
	†Swarraton (Ventnor) M	74	45	61·4	46·1	53·3	+ 4·5	79	0	3	0·09	− 0·35	26·0	− 23·2	25	− 22
	Tunbridge Wells M	73	38	64·0	45·3	54·1	+ 4·6	85	0	0	0·00	− 0·41	38·8	− 5·7	37	− 5
	†Dungeness (Littlestone)	66	44	59·0	46·7	52·5	+ 2·4	74	0	2	0·17	− 0·13	60·4	—	58	—
	Hastings	73	41	62·1	48·1	54·7	+ 4·3	89	0	2	0·03	− 0·33	47·2	− 3·1	45	− 3
	Southampton	77	46	61·3	48·0	54·3	+ 2·4	86	0	3	0·23	− 0·21	22·3	− 24·7	21	− 24
	†Portland Bill (Worthing)	63	46	56·4	47·9	51·9	+ 0·7	69	0	1	0·05	—	33·8	—	32	—
	(Eastbourne)												40·7	− 8·4	39	− 8
6. SCOTLAND, W.	Laudale, Loch Sunart	59	34	53·9	42·8	48·0	− 1·0	42	0	5	0·57	− 0·30	*	*	*	*
	Glasgow	63	40	55·3	45·1	49·9	+ 1·7	55	0	4	0·78	+ 0·19	20·4	− 15·1	19	− 14
	Dumfries M S	68	37	58·0	44·0	50·6	+ 1·9	60	0	6	0·94	+ 0·38	*	*	*	*
	Cally M S	65	40	56·5	42·4	49·0	+ 0·6	49	0	5	0·90	+ 0·24	*	*	*	*
	Douglas, Isle of Man	60	42	53·3	44·6	48·7	+ 0·2	47	0	5	0·78	+ 0·25	33·1	− 16·2	30	− 15
7. ENGLAND, N.W.	Aspatria	63	39	56·2	44·2	49·8	+ 1·2	55	0	5	0·91	+ 0·40	15·9	—	15	—
	Newton Rigg	62	36	57·1	42·2	49·2	+ 1·7	50	0	5	1·23	+ 0·75	13·2	− 29·1	12	− 27
	Stonyhurst	61	42	57·2	47·2	51·9	+ 3·4	69	0	3	0·79	+ 0·19	10·2	− 31·8	9	− 30
	Blackpool M	63	38	56·1	45·3	50·4	+ 1·0	59	0	5	0·59	+ 0·14	23·9	− 19·5	22	− 18
	Manchester, Prestwich	64	41	59·1	48·0	53·2	+ 4·4	78	0	6	1·00	+ 0·46	10·7	− 25·7	10	− 24
	†Liverpool Obs. (Hoylake)	64	43	57·6	46·7	51·8	+ 1·7	69	0	5	0·72	+ 0·31	25·2	—	23	—
	†Hawarden Bridge (Southport)	66	43	59·2	47·1	52·8	+ 2·5	76	0	3	0·22	− 0·12	20·2	—	19	—
NORTH WALES	Llandudno M	63	43	56·6	46·4	51·2	+ 1·0	64	0	3	1·61	+ 1·19	24·7	− 19·3	23	− 18
	†Holyhead (Aberdovey)	57	42	51·7	44·9	48·1	− 1·6	43	0	4	0·94	+ 0·52	13·9	—	13	—
	Bettws-y-Coed	64	41	56·9	46·9	51·6	+ 1·7	67	0	5	0·88	—	8·7	—	8	—
8. SOUTH WALES	Llangammarch Wells	63	33	58·6	44·3	51·0	+ 2·3	63	0	4	0·13	—	14·4	—	14	—
	Pembroke	58	41	52·1	44·9	48·3	− 0·9	44	0	5	0·49	+ 0·08	19·7	− 28·7	19	− 27
	†Cardiff (Aberystwyth)	71	43	60·6	47·7	53·8	+ 2·7	83	0	4	0·12	− 0·42	15·5	—	15	—
ENGLAND, S.W.	†Clifton (Torquay)	70	44	61·4	49·5	55·1	+ 3·7	92	0	1	0·06	− 0·44	32·8	− 16·1	31	− 15
	†Shaftesbury (Marlborough) M	72	41	59·7	46·0	52·4	+ 3·5	73	0	1	0·93	− 0·46	24·0	− 16·0	23	− 15
	†Arlington (Newquay)	65	39	58·1	45·9	51·6	+ 2·6	67	0	3	0·18	− 0·45	*	*	*	*
	Cullompton M	72	41	63·2	47·9	55·1	+ 4·2	92	0	3	0·10	− 0·38	?34·2	− 8·9	?33	− 8
	Plymouth	64	40	57·3	46·8	51·7	0·0	68	0	4	0·14	− 0·31	30·9	− 16·3	29	− 16
	Falmouth	63	42	55·3	47·5	51·2	+ 0·5	64	0	4	0·66	+ 0·13	24·8	− 25·4	24	− 24
9 IRELAND, N. Western part.	Malin Head	59	40	52·9	42·7	47·5	− 0·8	39	0	5	0·09	− 0·37	*	*	*	*
	Edenfel	65	34	56·9	42·1	49·1	+ 1·1	50	0	4	0·30	− 0·25	*	*	*	*
	Blacksod Point	57	35	53·4	43·4	48·1	− 1·6	43	0	4	0·25	− 0·38	*	*	*	*
	Markree Castle	64	31	56·9	42·9	49·5	+ 1·0	53	0	4	0·18	− 0·38	34·8	− 5·9	32	− 5
Eastern part.	Armagh	64	33	57·7	42·7	49·8	+ 1·0	55	0	4	0·38	− 0·12	31·3	− 9·2	29	− 9
	Donaghadee	60	39	52·3	43·6	47·7	− 1·2	40	0	4	0·44	− 0·05	*	*	*	*
10. IRELAND, S. Eastern part.	†Dublin, City (Phœnix Park)	68	35	59·4	46·2	52·4	+ 1·7	73	0	4	0·46	+ 0·03	43·8	− 1·8	41	− 2
	Kilkenny	62	32	57·3	42·9	49·7	− 0·2	54	0	3	0·22	− 0·25	*	*	*	*
	Waterford	62	33	57·1	43·9	50·1	+ 0·2	57	0	3	0·53	+ 0·03	*	*	*	*
Western part.	Birr Castle	64	30	58·6	41·9	49·8	+ 0·1	55	0	3	0·12	− 0·37	37·6	− 3·	35	− 3
	Foynes	66	32	59·1	43·9	51·0	+ 0·9	63	0	3	0·15	− 0·36	*	*	*	*
	Killarney	67	34	59·9	44·9	52·0	+ 1·5	70	0	3	0·13	− 0·57	*	*	*	*
	Valencia	63	39	55·7	46·3	50·7	− 0·3	61	0	5	0·51	− 0·21	45·1	− 0·4	43	0
	†Roches Point (Ballinacurra)	60	38	54·7	45·6	49·9	− 1·2	55	0	3	0·34	− 0·25	32·3	—	31	—
11. ENGLISH CHANNEL	Scilly, St. Mary's	55	45	53·0	47·6	50·1	− 1·1	57	0	5	0·41	+ 0·04	15·7	− 34·9	15	− 33
	†Jersey, St. Aubins (St. Heliers)	72	45	59·9	49·1	54·2	+ 2·1	85	0	2	0·07	− 0·38	25·2	− 28·2	24	− 27
	Guernsey	65	45	59·3	47·5	53·1	+ 1·8	78	0	4	0·08	− 0·36	22·5	− 32·5	22	− 31

Information for Stations marked M is supplied by the Royal Meteorological Society, and that for Stations marked S is supplied by the Scottish Meteorological Society.
* An Asterisk is inserted in all places for which the information is not usually given.
† There is no Sunshine Recorder in use at this Station. The figures entered for Sunshine are those recorded at a Station in the same district of which the name is given in brackets.

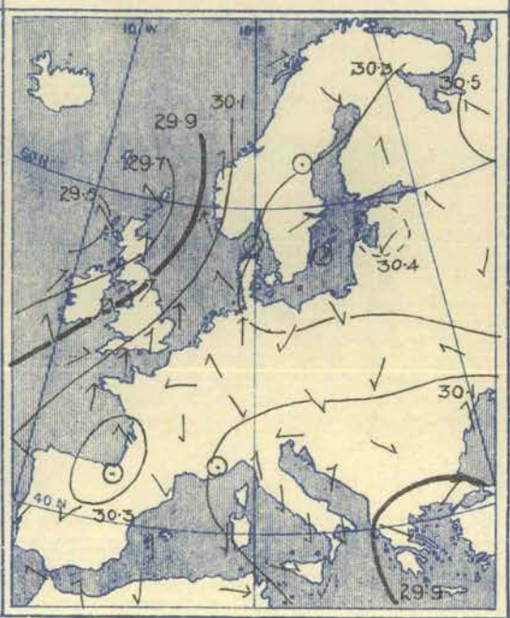
Additional Sunshine Totals for the week: Ramsgate, 59·1 hrs., 56 %; Brighton, 34·6 hrs. (− 12·8), 33 % (− 12%); Bournemouth, 25·2 hrs., 24 %; Bognor, 34·5 hrs., 33 %; Rhyl, 29·7 hrs., 28 %; Tenby, 20·1 hrs. (− 28·5) 19 % (− 27%).

Sunday, 6th May, 1906.

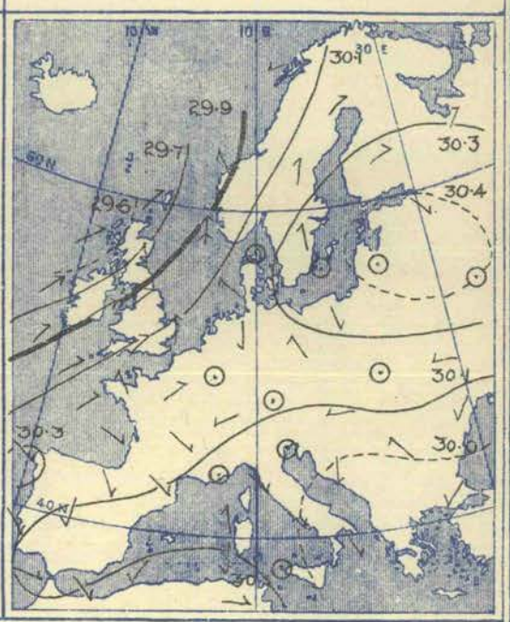
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine and bright in the southern countries and at many stations in Scandinavia, the Netherlands, and Russia. Cloudy or quite overcast in most other regions, with rain in Ireland, the Hebrides and Shetlands, and in Brittany, and also at Memel and Nicolaieff. Fog prevailing on our west and south-west coasts and also at Skagen. Slight rain later in many parts of our Islands and as much as 0·8 in. at Skudesnaes. Fog continuing all day on some parts of our south-west coasts.

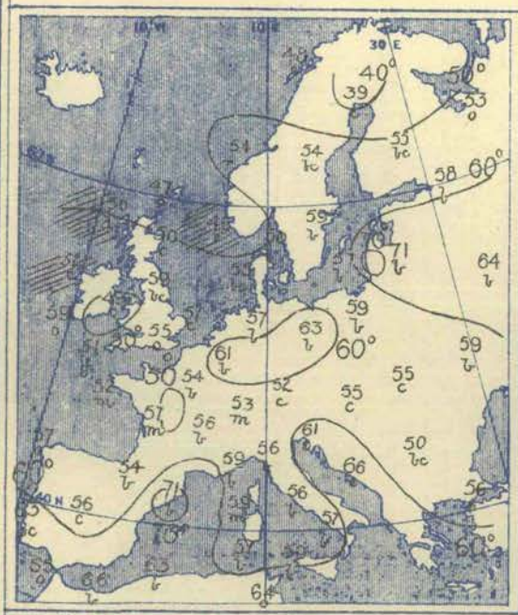
TEMPERATURE risen in most regions; readings at 8 a.m. ranging from 65° at Athens and Palma and about 60° over the centre and west of Russia to 46° at Limoges, 41° at Faerder, and 39° at Haparanda. Maxima during day above 60° at a few of our own stations, and as high as 65° at Southport and 68° at Nairn. Thermometer rising to above 70° over the greater part of Russia and the central and southern countries of the Continent and to 81° at Madrid and San Fernando.

WIND in morning light or moderate from South-West or West over the United Kingdom and the north-west of Europe generally, moderate from some northerly point over the Mediterranean region, and light and anticyclonic over Russia and the Baltic. Some slight increase in force taking place during day on our west coasts, but no other change.

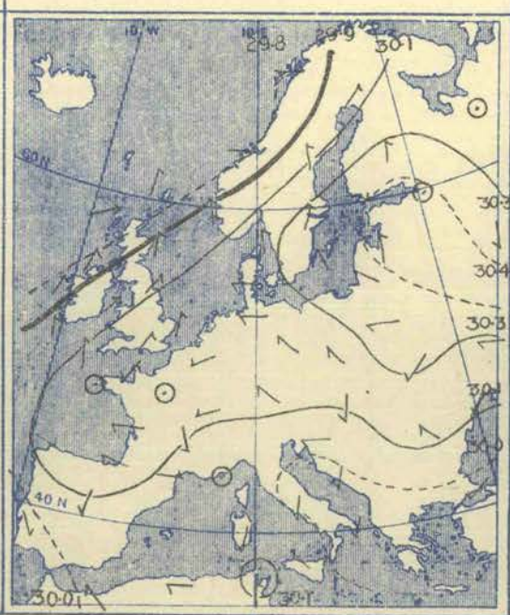
BAROMETER in morning above 30·5 ins. in the north of Russia and relatively high in an area extending thence to the Spanish Peninsula. Below 29·9 ins. in a depression over Greece and Turkey, and about 29·5 ins. in another disturbance off the north-west of Scotland. Latter system travelling north-eastwards during day and barometer rising slightly over our Islands generally. Pressure giving way decidedly over the northern half of Russia and also over Algeria and the southern districts of the Iberian Peninsula.

Monday, 7th May, 1906.

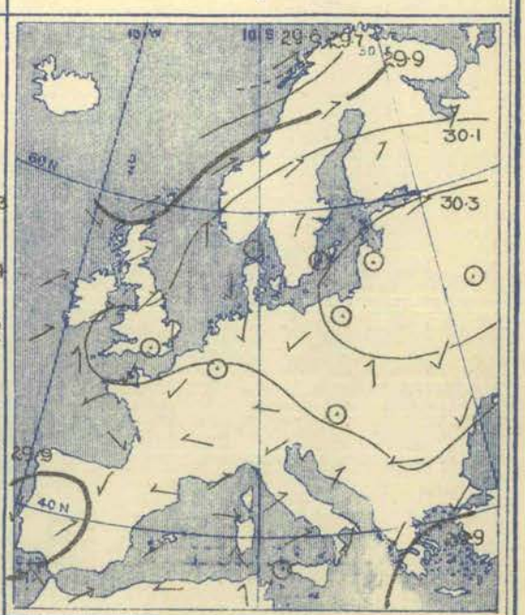
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine in nearly all Continental localities, but rainy along the west coast of Norway and in the Hebrides, and overcast in most parts of Great Britain and Ireland. Much fog prevailing on our south and south-west coasts, and mist on the west coast of France. Rain falling later in Ireland and the central parts of England and a thunderstorm occurring at Nancy.

TEMPERATURE risen as a whole; readings in morning 71° at Memel, 67° at Riga, and 64° at Moscow, and 71° at Barcelona and 66° at Pesaro. Below 50° at some inland French stations and in the Shetlands, and 39° at Haparanda. Rising later to above 65° in the east and north-east of Great Britain, and to above 70° in many parts of France, central, and southern Europe, and also in the north of Russia and south of Sweden. Highest value 77° at Brindisi.

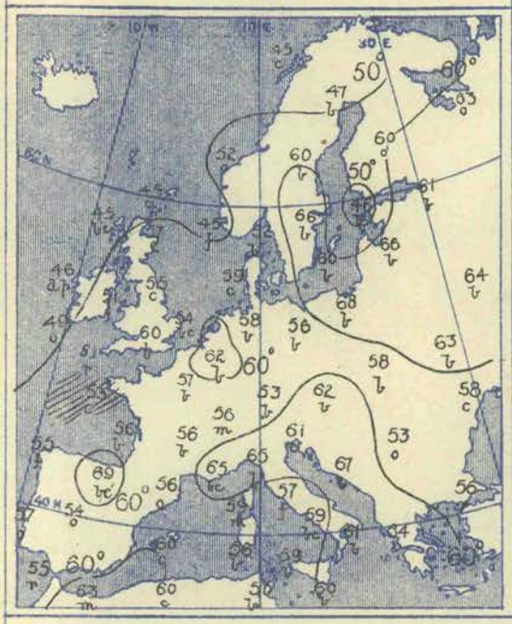
WIND in morning South-Westerly over the United Kingdom and its immediate neighbourhood and Southerly over the greater part of Scandinavia. Moderate to fresh in force on our north-west coasts and on the south-west coast of Norway, light as a rule. Light anticyclonic airs prevalent over Russia and the major portion of the Continent and light variable winds over the region of the Mediterranean. South-Westerly current becoming less pronounced over these Islands by evening and a cyclonic circulation appearing over the Iberian Peninsula.

BAROMETER in morning ranging from 30·4 ins. and upwards in an anticyclone centred over Russia in less than 30·0 ins. over the south-east of our area and off the south-west of Spain, and to below 29·8 ins. off the north-west of our Islands and Norway. A depression appearing over the Spanish Peninsula during day and pressure decreasing over France and the south of England. Northern low pressure travelling away north-eastwards and the barometer rising over Scotland and Norway.

Tuesday, 8th May, 1906.

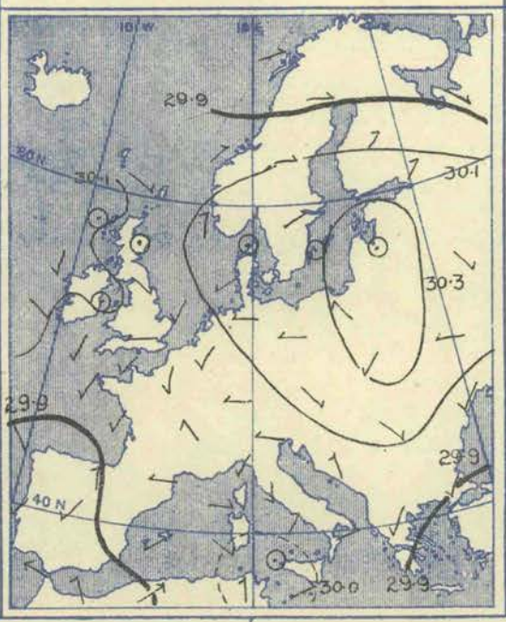
Temperature and Weather.

8 a.m.

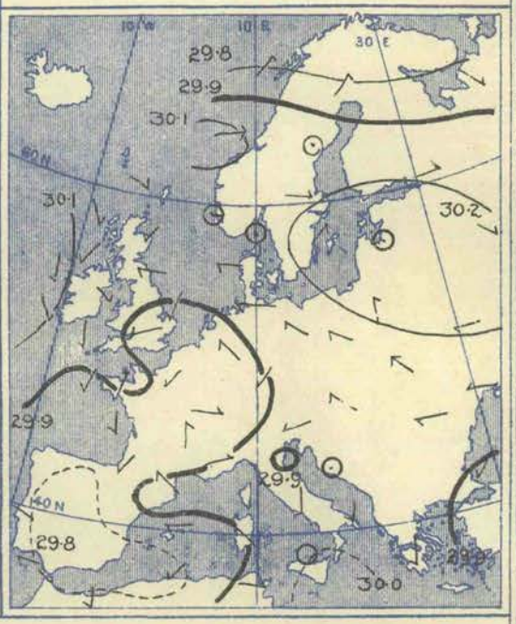


Barometer and Wind.

8 a.m.



6 p.m.



WEATHER at 8 a.m. fair or very fine over the major portion of the Continent and the south-east of England; cloudy or overcast in most parts of the United Kingdom and the Spanish Peninsula, with rain at Nairn, Liverpool, Scilly, and San Fernando, and fog at Corunna and on the shores of the Irish Sea. Thunderstorms in many parts of France and Great Britain during afternoon or evening, accompanied by exceedingly heavy rains at some places in central and north-western England, but by very little or none in other localities not far distant.

TEMPERATURE risen in most regions. Readings in morning 68° at Memel and Neu-Fahrwasser, about 60° at a few southern stations, and also in London and at Oxford. Decreasing to below 50° on our most western and northern coasts and at some stations on the coasts of Scandinavia. Maxima during day above 70° in several parts of England and 75° in London and at Oxford. Thermometer rising to nearly 80° at Stockholm and over Germany and to above 80° at some French stations.

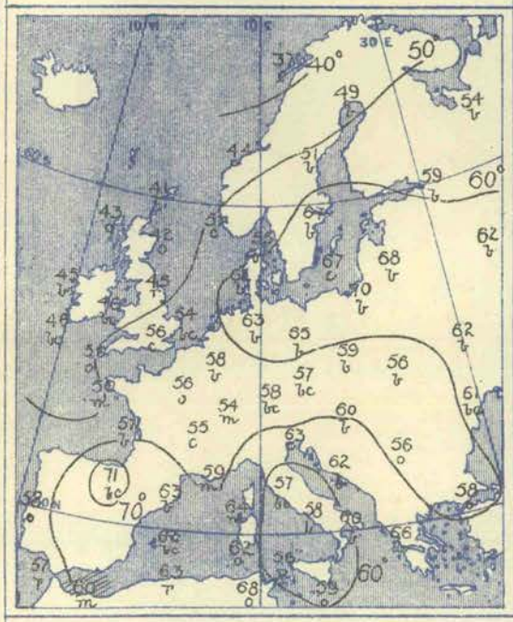
WIND at 8 a.m. anticyclonic over all the northern and central regions of the Continent and irregularly cyclonic over the United Kingdom, France, and Spain. No great change as a whole later, but a Northerly current becoming general over our Islands.

BAROMETER in morning above 30·3 ins. in an extensive anticyclone having its centre over the east of Russia and relatively high off the west coasts of our Islands. Low over Great Britain, France, and the Iberian Peninsula, and several small local minima prevailing. Low pressure area extending northwards and eastwards during day and barometer falling over the United Kingdom and its vicinity. Russian anticyclone decreasing in intensity.

Wednesday, 9th May, 1906.

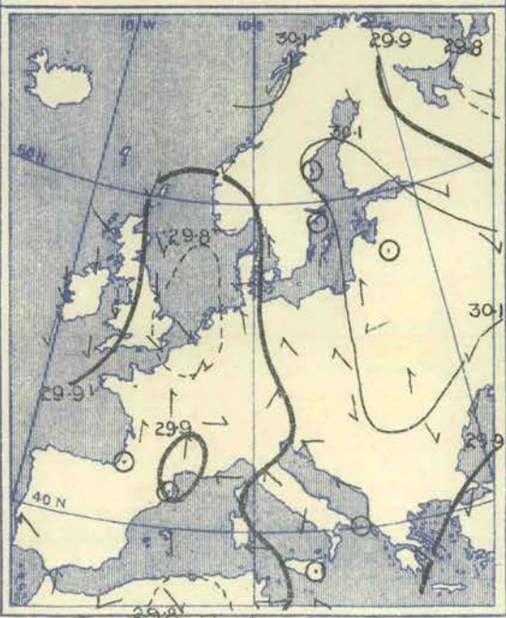
Temperature and Weather.

8 a.m.

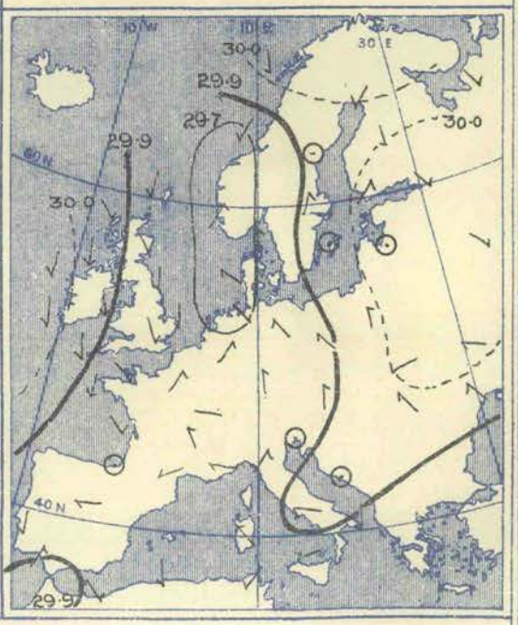


Barometer and Wind.

8 a.m.



6 p.m.



WEATHER at 8 a.m. cloudy or dull in nearly all parts of Great Britain, Norway, the north of France, and also in Algeria and the south of Spain; rain falling in places. Fine and bright elsewhere. Thunderstorms occurring during day in the extreme south-east of England, at Paris, and a few other French stations, and rain falling in a few parts of these Islands and in various Continental localities. Largest amount 1·3 in at Aix-la-Chapelle.

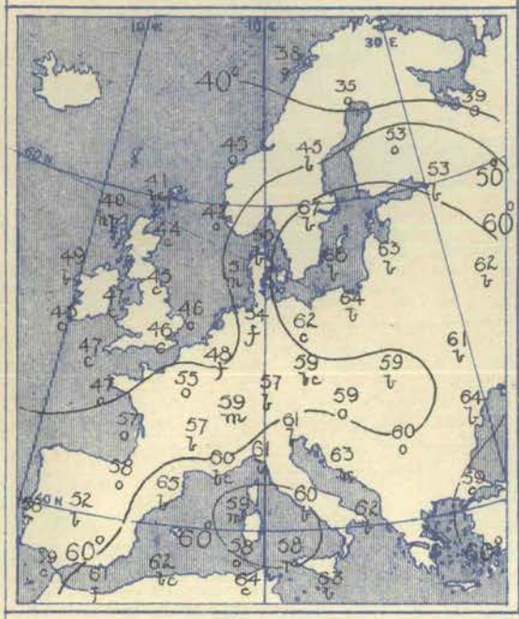
TEMPERATURE fallen in most regions, especially over the United Kingdom. Readings in morning 70° at Memel, 68° at Riga, 67° at Stockholm, and above 60° at some southern stations. Only a little above 40° in the north of our Islands and rather below it in the north of Norway. Thermometer remaining below 50° all day at some of our northern and western stations, but rising above 60° in the south and south-east. Maxima 70° or above in some parts of Russia and Sweden, as well as over the greater portion of Germany and central and southern Europe. Highest value 81° at Berlin.

WIND in morning showing an extensive cyclonic circulation of little force around the North Sea and an anticyclonic movement over Russia and its neighbourhood. Light variable airs prevailing over the Mediterranean region. Scarcely any change later in day.

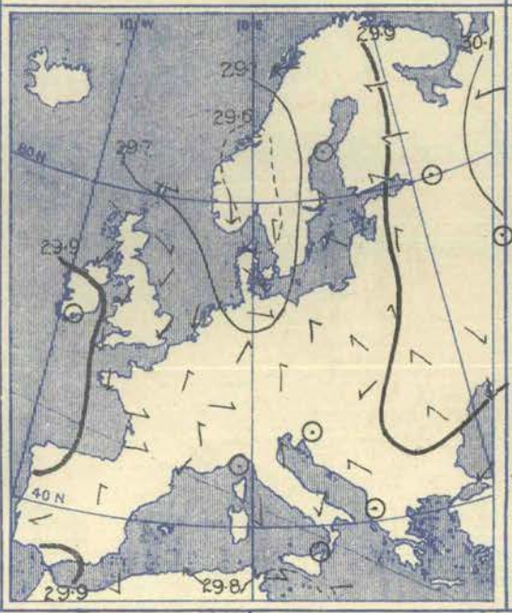
BAROMETER in morning ranging from above 30·1 ins. in a large anticyclonic system having its central space over Russia to 29·8 ins. and less in the vicinity of Archangel and over Algeria, and also in a well defined depression covering the greater part of the North Sea. Disturbance travelling northwards during day, but some small local irregularities in pressure appearing over France. Russian high pressure system giving way somewhat, while maintaining its position.

Thursday, 10th May, 1906.

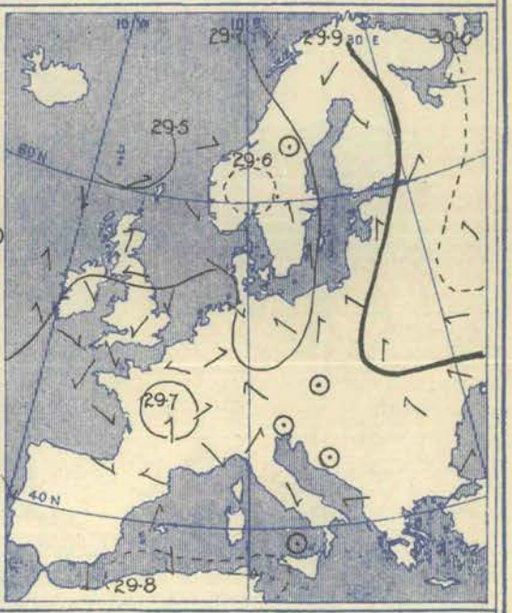
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. cloudy or overcast in most parts of Great Britain and the nearer portion of the Continent, and also in Portugal, with rain in the latter region, the north-east of France and at Dungeness, and showers at Leith. Thunderstorms during day at Paris and Algiers and thunder at Lyons. Rain falling in various parts of our Islands and in several Continental regions; amounts slight generally, but 0·4 in. at Paris, 0·6 in. at Nancy, and 0·7 in. at Nemours.

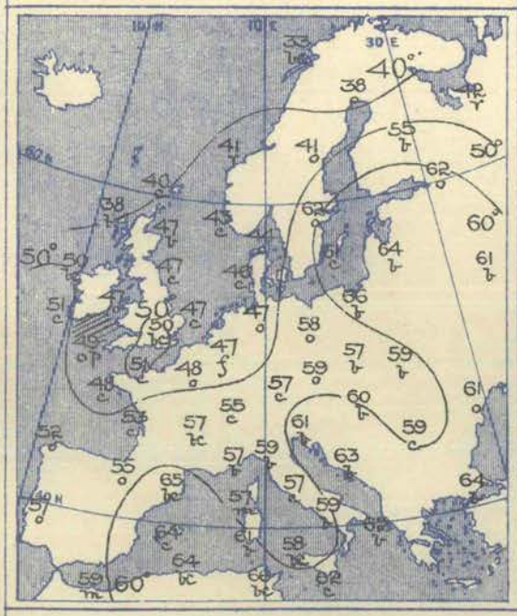
TEMPERATURE fallen generally. Readings in morning ranging from 68° at Wisby, 67° at Stockholm and Memel, and 65° at Barcelona to about 45° over the greater part of the United Kingdom, and to below 40° in the extreme north of our area. Maximum during day as high as 81° at St. Petersburg, and thermometer rising to above 70° over all the central and southern regions of the Continent. Day very cold for time of year over our Islands, temperature remaining below 50° in many places, and only just reaching that point in London.

WIND at 8 a.m. between North-West and North-East over our Islands and their neighbourhood and between South and East over Russia and northern and eastern Europe generally. Light and variable airs over the Mediterranean and southern Europe. Wind becoming Southerly or South-Easterly in Ireland by evening and rather variable over the United Kingdom generally. Little change over our area as a whole.

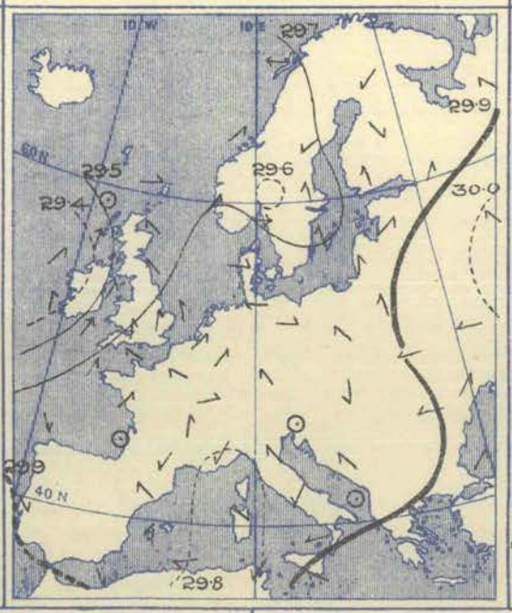
BAROMETER in morning above 30·1 ins. over the north-east of Russia and above 29·9 ins. over the south of Ireland and the adjacent portion of the Atlantic. Below 29·6 ins. in a shallow depression over Norway. Some local irregularities of pressure existing over France. Pressure decreasing in nearly all parts of north-western Europe during day, and a fresh depression advancing on Ireland from the Atlantic.

Friday, 11th May, 1906.

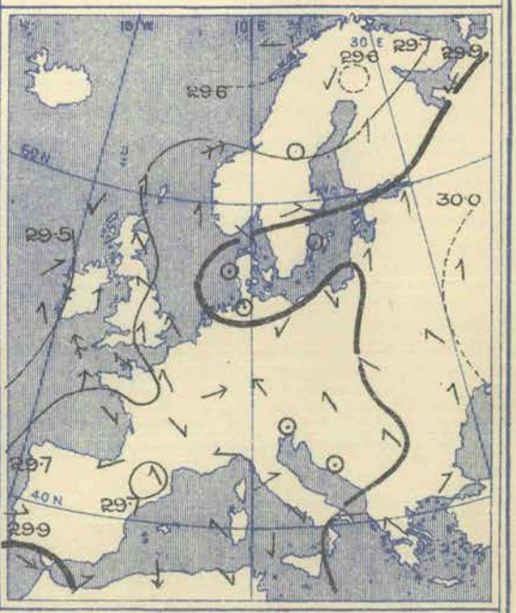
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. generally very cloudy or overcast over the Spanish Peninsula, France, the United Kingdom, and Norway. Mostly fair or very fine elsewhere. Rain falling at Christiansund and Karlstad, and also in the north of Ireland, and showers on our south-west coast. Rain falling later at most of our western and northern stations and in various parts of Russia, Scandinavia, and Italy.

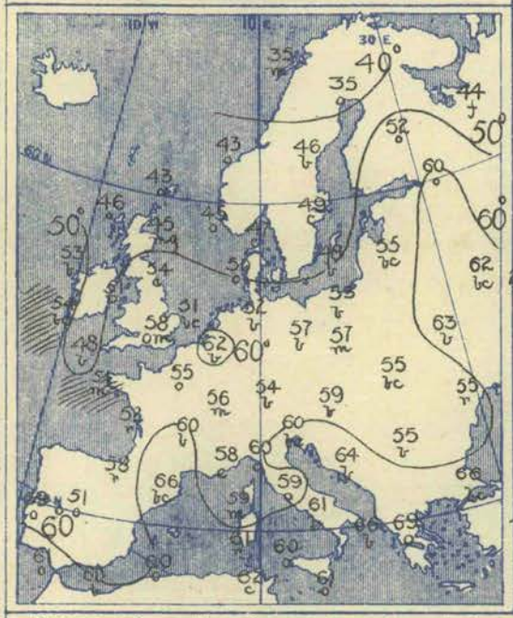
TEMPERATURE risen over our Islands, fallen over the region of the Baltic and in several other Continental districts. Readings in morning as high as 66° at Neu-Fahrwasser, 62° at St. Petersburg, and about 60° at various stations in the south of our area. Below 50° in the north of France, the Low Countries, Denmark, and the United Kingdom, and below 40° at Stornoway, and in the extreme north of Sweden and Norway. Maxima during day below 60° over the United Kingdom, but above 70° in central Russia, over Germany and Austria-Hungary, and in most regions of southern Europe.

WIND in morning mainly southerly over this country and its vicinity and generally light or moderate in force. Very light and irregularly cyclonic over Scandinavia and central and southern Europe, and anticyclonic in Russia. No change of importance later.

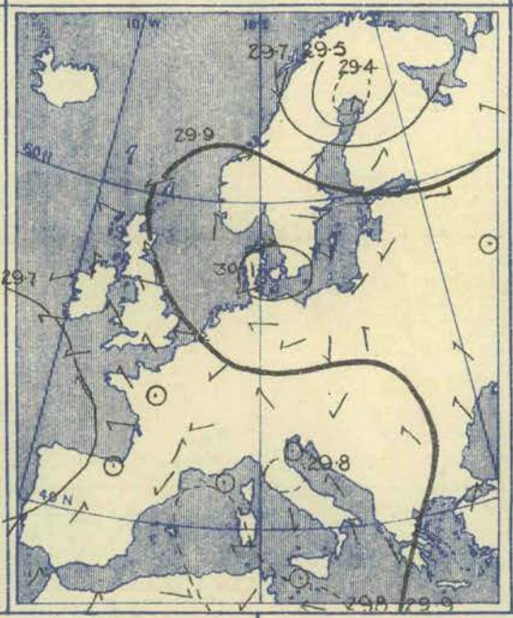
BAROMETER at 8 a.m. highest, above 30·0 ins. over the central part of Russia. Lowest, 29·4 ins. and less, over the west of Ireland and the adjacent portion of the ocean. Relatively low over Scandinavia, central Europe, and the western part of the Mediterranean. Pressure increasing during day over Ireland and Scotland, falling slowly over France and the south of England. No general change taking place on the Continent. Several small local minima shown in different regions.

Saturday, 12th May, 1906.

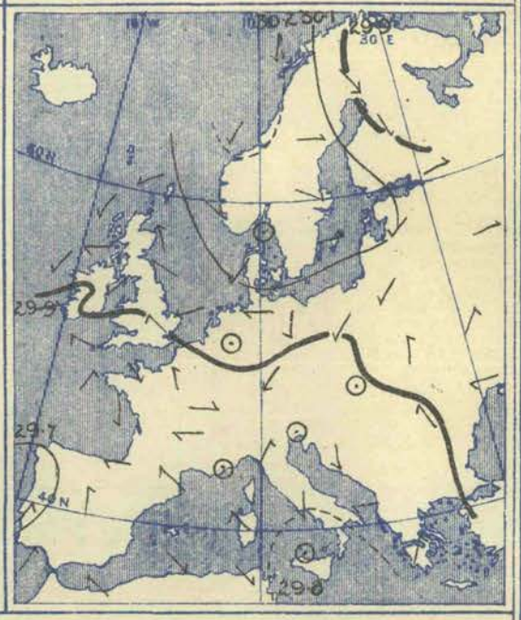
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fair or fine over the greater part of our area, but cloudy or overcast at most stations in Norway, the United Kingdom, the west of France, and the Spanish Peninsula. Rain falling at Oporto and in the south-west of France, and also at Cagliari, and fog or mist prevailing on our south-west coast and in Brittany. Thunderstorms later in Belgium, the north-east of France, and at some stations in the south-east of England, a little rain on some of our western coasts, and heavy rain at Flushing, Hermanstadt, and in the southern districts of the Spanish Peninsula.

TEMPERATURE risen over the western countries, fallen decidedly over the region of the Baltic, changed irregularly elsewhere. Readings in morning, 66° at Barcelona and about 60° at several other southern stations and at St. Petersburg and Moscow. Below 50° in the north of our Islands and in many parts of northern Europe, and below 40° in the north of Scandinavia. Maxima during day above 70° in the Low Countries, central and southern Europe, and Algeria, and nearly 80° in places.

WIND in morning light or moderate from South and South-West in the Iberian Peninsula, and from South-East or East in France and our Islands. A partial cyclonic circulation prevailing over the north of Scandinavia, the Westerly current blowing a gale at Christiansund; an anticyclonic movement shown over the Continent as a whole. No change of importance later.

BAROMETER at 8 a.m. ranging from above 30·1 ins. in a very extensive anticyclone centred over the Kattegat to 29·7 ins. and less in a large shallow depression over the Bay of Biscay, and to 29·4 ins. and less in another disturbance over Lapland. Barometer becoming highest in the north-west of Norway by evening and northern depression travelling on towards the north of Russia. A fresh disturbance approaching Portugal.

IV.—TEMPERATURE on the Grass, and in the Ground.

	STATION.	Grass Min.		Mean Earth Temp.	
		No. of Obs. of 30° or less.	Lowest reading.	At 1 foot.	At 4 feet.
			°	°	°
2.	York	—	—	49·0	45·3
	Hull	0	37	50·1	46·0
3.	Cambridge	0	35	—	—
	Dunmow	0	36	—	—
4.	Harrogate	0	38	46·9	44·6
	Sheffield	0	36	48·5	43·6
	Birmingham	0	37	47·8	44·7
	Nottingham	0	37	51·6	45·5
5.	Kew	0	35	51·7	47·5
	Canterbury	0	31	52·1	48·1
	Portsmouth	0	38	53·1	49·6
6.	Glasgow	0	31	—	—
7.	Newton Rigg	1	29	48·7	44·9
	Bettws-y-Coed	0	40	49·6	46·1
	Manchester (Oldham Road)	0	39	49·5	45·7
8.	Llangammarch Wells	—	—	49·4	45·5
	Bath	—	—	52·2	48·8
	Plymouth	0	35	53·6	—
9.	Armagh				
	Markree				
10.	Dublin, Trin. Coll.	0	31	50·7	47·7
11.	Guernsey, Brooklyn	0	33	52·2	49·3

V.—OBSERVATIONS IN THE UPPER AIR.—Temperature, Humidity and Wind Velocity.

Date of Observation.	Station and its Height above M.S.L.		Heights in feet above Mean Sea Level.						Remarks.
			Ground Level.	1,000.	3,320	5,000.	6,560.	8,320.	10,000.	
1906.		Temperature F. / Humidity / Wind Velocity, m. per hr.	Not sufficient wind on any day during the week to raise a kite.							
		Temperature F. / Humidity / Wind Velocity, m. per hr.								
		Temperature F. / Humidity / Wind Velocity, m. per hr.								
		Temperature F. / Humidity / Wind Velocity, m. per hr.								
		Temperature F. / Humidity / Wind Velocity, m. per hr.								

63, Victoria Street, London, S.W.
May 16th, 1906.

W. N. SHAW,
Director.

ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE,

AND PUBLISHED FOR H.M. STATIONERY OFFICE BY WYMAN AND SONS, LTD., FETTER LANE, E.C., AND 32, ABINGDON STREET, WESTMINSTER, S.W.; OR OLIVER AND BOYD, EDINBURGH; OR E. PONSONBY, 116, GRAFTON STREET, DUBLIN.

TWENTY-NINTH YEAR. *Vol. XXIII. (New Series.)* No. 20. TWENTIETH WEEK, ENDING SATURDAY, MAY 19TH, 1906. [*Price 6d.* *Annual Subscription post paid* £1 10s. 0d.

I.—GENERAL REMARKS.

Weather varied a good deal in the different districts. In Scotland and the northern parts of England and Ireland the greater part of the week was dull and unsettled, with frequent falls of rain. In the north-east of Great Britain on Saturday the rain was continuous and extremely heavy. Over the southern half of the Kingdom the major portion of the period was fine. Thunderstorms and heavy local rains were experienced in many districts on Sunday—especially in the east—and at a few places on Wednesday.

Temperature was again below the average, the deficit amounting to less than 2° in England S. and S.W. and the Channel Islands, but increasing to about 4° in Scotland E. and N. The highest of the maxima were recorded on Sunday, and ranged from 76° in England S., 75° in the Channel Islands, and 74° in the Midland Counties and England S.W. to 63° in Scotland N. Late in the week many of the maxima were below 50°. The lowest of the minima, which occurred during the latter half of the week, varied from 28° in the Midland Counties and England S.W., and 29° in Scotland E. to 34° in England N.E., and to 35° in Ireland N. and the Channel Islands.

Rainfall varied greatly in amount. In Scotland E. and England N.E. the aggregate fall was at least four times the average, while over England as a whole there was a deficit. The largest measurements due to the rain of Saturday were 2·53 ins. at North Shields, 2·40 ins. at Alnwick Castle, and 2·23 ins. at Seaham.

Bright Sunshine was deficient except in the south and south-west. The percentage of the possible duration ranged from 71 in the Channel Islands, 53 in Ireland S. and England S.W., and 50 in England S. to 18 in Scotland N. and to 15 in Scotland E.

Barometer and Wind.—The general distribution of pressure favoured winds from some point between North-West and North-East, the barometer being highest either to the westward of our Islands or over the northern part of Scandinavia, while most of the cyclonic systems were situated over or to the eastward of the North Sea or over Germany. The wind was only moderate in force as a whole but during the latter half of the week it sometimes blew very strongly from the Northward or North-Eastward on our western and extreme northern coasts, and reached the force of a gale in the Shetlands and at Wick.

SUMMARY OF TEMPERATURE, RAINFALL, AND DURATION OF BRIGHT SUNSHINE IN THE UNITED KINGDOM, FOR AGRICULTURAL AND SANITARY PURPOSES.

THE WEEK (20th)—May 13th to May 19th, 1906.

DISTRICTS. (See p. 116.)	Temperature. Highest.	Lowest.	Means of: Daily Max.	Daily Min.	Daily Mean.	Difference from Av. (35 Yrs.)	Accumulated. Number of Day-Degrees. Above 42°	Difference from Av. (25 Yrs.)	Below 42°	Difference from Av. (25 Yrs.)	Rainfall. Number of Rain-Days.	Diff. from Av. (35 Yrs.)	Total Fall.	Difference from Average (35 Yrs.)	Sunshine. Hours recorded.	Diff. from Av. (25 Yrs.)	Percentage of Possible Duration	Diff. from Av. (25 Yrs.)
	°	°	°	°	°	°	Day-deg.	Day-deg.	Day-deg	Day-deg.			Inches.	Inches.			%	%
0. SCOTLAND, NORTH ..	63	33	48·9	38·6	43·5	− 3·9	25	− 19	10	+ 3	6	+ 2	1·22	+0·61	21	− 17	18	−14
Eastern **1.** SCOTLAND, EAST ..	65	29	50·2	38·9	44·3	− 3·9	29	− 21	9	+ 4	7	+ 4	2·11	+1·64	17	− 22	15	−20
Eastern **2.** ENGLAND, N.E. ..	69	34	53·4	40·8	46·7	− 2·9	38	− 13	3	0	5	+ 2	1·68	+1·26	26	− 17	24	−15
Eastern **3.** ENGLAND, EAST ..	73	30	57·3	42·3	49·4	− 2·0	52	− 13	0	− 4	3	0	0·37	−0·03	36	− 9	33	− 8
Eastern **4.** MIDLAND COUNTIES	74	28	57·6	40·4	48·5	− 2·3	52	− 12	4	0	3	0	0·35	−0·10	38	+ 1	35	+ 1
Eastern **5.** ENGLAND, SOUTH ..	76	30	59·4	42·6	50·5	− 1·3	60	− 10	0	− 1	2	− 1	0·14	−0·24	54	+ 7	50	+ 6
Western **6.** SCOTLAND, WEST ..	73	33	54·0	41·1	47·2	− 2·6	40	− 13	3	0	5	+ 2	0·91	+0·28	26	− 18	24	−16
Western **7.** ENGLAND, N.W. ..	71	32	54·4	41·8	47·7	− 2·7	41	− 18	1	− 1	5	+ 2	0·91	+0·44	29	− 17	26	−15
Western **8.** ENGLAND, S.W. ..	74	28	58·2	41·9	49·6	− 1·8	54	− 11	0	− 1	3	0	0·52	+0·03	57	+ 16	53	+15
Western **9.** IRELAND, NORTH ..	61	35	51·5	41·0	46·0	− 3·8	32	− 27	3	+ 1	5	+ 1	0·76	+0·23	40	− 3	36	− 2
Western **10.** IRELAND, SOUTH ..	71	31	56·3	41·9	48·6	− 2·8	47	− 20	0	− 1	3	0	0·27	−0·26	57	+ 8	53	+ 7
11. CHANNEL ISLANDS..	75	35	57·2	46·5	51·5	− 1·1	67	− 7	0	0	1	− 2	0·11	−0·29	75	+ 19	71	+18

THE SEASON (**Spring**).—Aggregates, &c., for the Period of 11 Weeks, March 4th to May 19th, 1906.

0. SCOTLAND NORTH ..	71	8	*	*	*	*	209	− 53	296	+ 72	56	+10	10·31	+1·85	327	− 1	31	0
Eastern **1.** SCOTLAND, EAST ..	72	11	*	*	*	*	294	− 29	284	+ 54	47	+ 8	7·37	+2·08	384	+ 36	36	+ 3
Eastern **2.** ENGLAND, N.E. ..	72	18	*	*	*	*	373	+ 43	203	+ 28	41	+ 4	4·43	+0·08	421	+ 31	40	+ 3
Eastern **3.** ENGLAND, EAST ..	75	24	*	*	*	*	411	− 18	164	− 21	33	− 2	2·81	−1·25	449	+ 59	43	+ 6
Eastern **4.** MIDLAND COUNTIES	75	18	*	*	*	*	449	+ 7	210	+ 18	36	+ 1	3·11	−1·58	392	+ 38	38	+ 4
Eastern **5.** ENGLAND, SOUTH ..	77	22	*	*	*	*	429	− 35	150	+ 24	33	− 1	3·20	−1·30	466	+ 61	45	+ 6
Western **6.** SCOTLAND, WEST ..	73	18	*	*	*	*	342	− 5	184	+ 23	41	+ 2	8·48	+0·57	380	+ 11	36	+ 1
Western **7.** ENGLAND, N.W. ..	71	16	*	*	*	*	347	− 39	172	+ 36	38	+ 2	6·25	+0·97	391	+ 40	38	+ 4
Western **8.** ENGLAND, S.W. ..	74	19	*	*	*	*	412	− 25	147	+ 48	36	0	5·57	−0·70	466	+ 87	45	+ 9
Western **9.** IRELAND, NORTH ..	67	20	*	*	*	*	315	− 74	149	+ 21	52	+ 7	7·12	+0·98	362	+ 11	35	+ 1
Western **10.** IRELAND, SOUTH ..	71	25	*	*	*	*	424	− 44	102	+ 8	42	+ 2	5·52	−1·38	426	+ 26	41	+ 3
11. CHANNEL ISLANDS..	75	31	*	*	*	*	447	− 75	36	+ 4	37	− 1	3·71	−1·73	511	+ 46	50	+ 5

THE YEAR.—Aggregates, &c., for the period of 20 Weeks, December 31st, 1905, to May 19th, 1906.

0. SCOTLAND, NORTH ..	71	8	*	*	*	*	227	−101	637	+ 91	108	+20	23·39	+5·24	431	+ 9	27	+ 1
Eastern **1.** SCOTLAND, EAST ..	72	11	*	*	*	*	331	− 73	614	+ 19	83	+10	12·36	+1·95	547	+ 70	35	+ 4
Eastern **2.** ENGLAND, N.E. ..	72	18	*		*	*	429	+ 15	464	− 18	78	+10	8·51	+0·54	577	+ 50	36	+ 3
Eastern **3.** ENGLAND, EAST ..	75	23	*	*	*	*	489	− 35	413	−113	74	+ 6	8·41	+0·86	605	+ 84	38	+ 5
Eastern **4.** MIDLAND COUNTIES	75	18	*	*	*	*	528	− 22	486	− 51	76	+ 8	9·02	+0·04	534	+ 64	33	+ 4
Eastern **5.** ENGLAND, SOUTH ..	77	20	*	*	*	*	562	− 22	351	− 37	78	+11	10·66	+1·51	642	+100	40	+ 6
Western **6.** SCOTLAND, WEST ..	73	14	*	*	*	*	404	− 37	418	+ 1	86	+ 7	19·37	+2·37	523	+ 49	33	+ 3
Western **7.** ENGLAND, N.W. ..	71	16	*	*	*	*	424	− 64	379	− 11	81	+10	14·81	+4·05	522	+ 59	33	+ 4
Western **8.** ENGLAND, S.W. ..	74	19	*	*	*	*	564	− 28	327	+ 32	83	+11	17·15	+3·83	626	+114	39	+ 7
Western **9.** IRELAND, NORTH ..	67	20	*	*	*	*	413	−103	355	+ 3	107	+20	15·79	+3·29	511	+ 42	32	+ 3
Western **10.** IRELAND, SOUTH ..	71	24	*	*	*	*	612	− 45	264	+ 2	94	+15	14·29	−0·62	577	+ 33	36	+ 2
11. CHANNEL ISLANDS..	75	27	*	*	*	*	687	− 62	79	− 35	91	+13	12·34	+0·56	696	+ 65	43	+ 4

Bright Sunshine.—For certain of the Districts the values of Bright Sunshine in this Table are based on the records from a part only of the Stations included in the Tables under II. and IV. For certain of the Stations Mean Values are not available, and for the Districts containing these Stations the "Difference from Average" is based on the records from a smaller number of Stations than those supplying the values for "Hours Recorded."

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II.—DATA from which the SUMMARY on page 115 has been calculated.

May 13-19, 1906.

Districts.	Names of Stations.	Temperature. In Degrees Fahrenheit.								Rainfall.			Bright Sunshine.			
		Highest observed.	Lowest observed.	Averages for the Week. Of Highest each day.	Of Lowest each day.	For whole of each day.	Difference of Daily Average from Mean for the Week.	Accumulated Heat for the Week (in Day-degrees). Above 42°	Below 42°	Number of Rain-Days.	Rainfall in the Week.	Difference from the Mean for the Week.	Number of Hours recorded.	Difference from the Mean for the Week.	Percentage of possible duration.	Difference from the Mean for the Week.
		°	°	°	°	°	°	Day-deg	Day-deg		Inches.	Inches.	Hrs.	Hrs.	%	%
0. SCOTLAND, N.	†Sumburgh Head (Deerness)	48	36	45·6	38·7	41·9	- 3·0	10	12	4	1·18	+ 0·77	21·8	- 16·3	19	- 14
	Wick	55	33	49·7	37·7	43·3	- 3·6	27	12	6	1·51	+ 1·09	*	*	*	*
	†Lairg (Strathpeffer)	63	33	50·5	36·7	43·2	- 3·6	31	15	7	1·23	+ 0·74	14·9	- 23·8	13	- 21
	Stornoway	50	36	48·1	39·9	43·8	- 3·1	21	6	6	0·80	+ 0·27	29·2	- 14·3	25	- 12
	Glencarron	58	35	47·8	37·4	42·3	- 5·3	21	13	6	1·95	+ 0·92	*	*	*	*
	Fort Augustus	56	38	49·1	39·6	44·1	- 4·9	25	7	6	1·14	+ 0·62	18·7	- 11·9	16	- 10
	Fort William	63	39	51·6	40·2	45·6	- 3·9	33	5	7	0·72	- 0·14	*	*	*	*
1. SCOTLAND, E.	Nairn	61	32	49·4	37·1	42·9	- 5·8	27	14	7	1·08	+ 0·71	*	*	*	*
	Aberdeen	56	35	48·4	40·1	44·0	- 4·1	22	5	7	2·16	+ 1·68	10·1	- 32·6	9	- 29
	†Balmoral (Crathes)	57	29	46·9	35·9	41·1	- 4·5	14	23	7	3·21	+ 2·69	10·3	—	9	—
	†Clathick (Balruddery)	61	37	54·2	40·8	47·1	- 2·5	41	3	6	0·77	+ 0·24	22·4	—	20	—
	†Leith (Edinburgh)	59	39	51·0	42·6	46·6	- 3·1	32	0	6	2·02	+ 1·64	17·5	- 19·5	16	- 17
	Marchmont	65	32	51·3	37·1	43·8	- 3·6	33	14	6	3·40	+ 2·86	25·6	- 14·7	23	- 13
2. ENGLAND, N.E. — Northern part.	†Alnwick Castle (Cockle Park)	59	34	51·0	39·5	44·9	- 3·0	31	7	6	4·31	+ 3·81	23·6	—	21	—
	†Shields (Newcastle)	57	35	50·0	38·6	44·0	- 4·3	28	10	6	3·70	+ 3·33	15·0	- 17·5	13	- 26
	Durham	55	35	50·4	38·9	44·3	- 4·0	29	9	6	2·34	+ 1·89	15·7	- 22·7	14	- 20
	Scarborough	58	37	52·9	42·1	47·2	- 1·8	36	0	4	1·53	+ 1·09	28·5	—	26	—
	York	67	36	55·2	40·9	47·6	- 2·8	44	3	2	0·64	+ 0·22	29·7	- 10·3	27	- 9
2. ENGLAND, N.E. — Southern part.	†Spurn Head (Saltburn)	53	39	50·6	44·1	47·2	- 2·3	36	0	4	0·42	+ 0·06	19·8	—	18	—
	†Lincoln (Skegness)	68	34	59·2	41·5	49·8	- 1·9	57	1	4	0·39	- 0·02	28·1	—	26	—
	†Fulbeck (Rauceby)	69	35	57·7	41·1	48·9	- 3·3	52	3	4	0·13	- 0·31	39·7	—	36	—
	(Cromer)												19·7	—	18	—
3. ENGLAND, E. — Northern part.	Hillington	58	33	53·6	40·4	46·6	- 4·2	39	4	4	0·37	- 0·07	21·5	- 24·7	20	- 23
	†Yarmouth (Lowestoft)	57	40	53·1	44·4	48·5	- 1·2	46	0	4	0·96	+ 0·56	30·6	—	28	—
	Geldeston	60	33	55·6	41·9	48·3	- 2·1	45	0	5	0·93	+ 0·53	26·8	- 22·4	25	- 21
	(Dunmow)												38·0	—	35	—
3. ENGLAND, E. — Southern part.	Cambridge	70	30	58·6	41·2	49·4	- 2·2	55	2	2	0·19	- 0·23	41·3	- 4·3	38	- 4
	Felixstowe	65	35	57·3	42·9	49·7	- 2·2	54	0	2	0·17	—	35·9	—	33	—
	Clacton-on-Sea	68	38	58·6	43·1	50·4	- 1·5	59	0	2	0·19	—	43·0	—	40	—
	Rothamsted	71	30	59·3	40·2	49·2	- 1·3	58	5	3	0·08	- 0·37	47·9	+ 3·5	44	+ 3
	†Shoeburyness (Southend)	68	38	59·6	42·6	50·6	- 1·7	60	0	2	0·22	- 0·09	46·0	—	43	—
	London, Westminster	73	37	60·1	44·1	51·6	- 1·3	67	0	1	0·20	—	40·1	+ 2·4	37	+ 2
4. MIDLAND COUNTIES. — Eastern part.	Harrogate	65	33	53·7	39·4	46·1	- 2·4	40	7	5	1·01	+ 0·56	28·3	—	26	—
	†Bawtry (Worksop)	69	29	57·7	39·7	48·2	- 2·4	53	6	3	0·47	+ 0·06	26·2	- 12·3	24	- 11
	Nottingham	65	28	57·0	41·3	48·7	- 2·3	50	2	3	0·22	- 0·21	30·7	—	28	—
	†Colly Weston (Oundle)	65	32	57·7	40·6	48·6	- 2·8	52	4	6	0·22	- 0·23	37·7	—	35	—
	Birmingham, Edgbaston	68	38	56·1	42·1	48·7	- 1·5	47	0	2	0·50	0·00	30·4	—	28	—
	Oxford	73	33	60·1	41·4	50·2	- 1·6	60	2	1	0·06	- 0·35	46·8	+ 2·8	43	+ 3
4. MIDLAND COUNTIES. — Western part.	†Cheadle (Sheffield)	67	34	54·3	39·2	46·3	- 2·9	42	8	4	0·33	- 0·17	27·5	—	25	—
	Shrewsbury	70	33	56·6	40·1	47·9	- 3·4	49	5	5	0·37	—	*	*	*	*
	Hereford	71	32	60·5	40·0	49·6	- 1·8	62	6	2	0·10	- 0·35	*	*	*	*
	Cirencester	71	32	59·1	39·9	48·9	- 1·4	57	6	2	0·13	- 0·34	59·5	+ 13·5	55	+ 13
	Bath	74	32	60·9	40·9	50·3	- 2·9	63	3	3	0·49	+ 0·04	55·5	—	51	—
	(Margate)												47·6	+ 3·1	44	+ 3
5. ENGLAND, S.	Kew	72	33	59·5	42·6	50·5	- 1·5	60	0	2	0·09	- 0·29	47·5	+ 2·2	44	+ 2
	Wisley, Surrey	74	30	61·2	39·9	49·9	- 2·0	64	6	1	0·07	—	50·0	—	46	—
	†Swarraton (Ventnor)	74	30	60·2	39·5	49·2	- 0·8	61	7	2	0·06	- 0·39	70·1	+ 18·8	66	+ 18
	Tunbridge Wells	70	34	59·1	41·1	49·6	- 1·5	57	3	1	0·35	- 0·05	50·1	+ 3·7	46	+ 3
	†Dungeness (Littlestone)	64	38	56·1	44·1	49·7	- 1·7	54	0	2	0·11	- 0·16	48·7	—	45	—
	Hastings	71	40	58·4	44·8	51·2	- 0·6	64	0	2	0·20	- 0·15	60·9	+ 7·7	56	+ 7
	Southampton	76	36	63·6	43·4	52·9	- 0·3	76	0	1	0·10	- 0·34	66·0	+ 16·6	61	+ 15
	†Portland Bill (Worthing)	70	40	57·3	45·4	51·0	- 1·6	63	0	2	0·13	—	66·6	—	62	—
	(Eastbourne)												63·3	+ 11·9	59	+ 11
6. SCOTLAND, W.	Laudale, Loch Sunart	59	36	53·5	39·8	46·2	- 3·8	39	6	5	0·38	- 0·48	*	*	*	*
	Glasgow	61	40	52·4	43·3	47·6	- 1·9	39	0	5	0·79	+ 0·24	18·1	- 18·9	16	- 17
	Dumfries	73	35	57·5	41·5	49·0	- 1·2	51	1	5	1·62	+ 1·05	*	*	*	*
	Cally	68	33	53·1	38·4	45·3	- 4·3	38	10	4	0·77	+ 0·11	*	*	*	*
	Douglas, Isle of Man	64	36	53·4	42·6	47·7	- 1·9	40	0	4	1·01	+ 0·50	34·6	- 16·5	31	- 15
7. ENGLAND, N.W.	Aspatria	68	34	54·6	40·7	47·2	- 2·7	42	4	5	1·03	+ 0·51	26·5	—	24	—
	Newton Rigg	66	32	53·6	38·4	45·5	- 3·1	40	10	6	2·29	+ 1·80	28·5	- 16·3	25	- 15
	Stonyhurst	66	36	53·7	41·4	47·2	- 2·6	39	2	4	0·86	+ 0·26	25·6	- 18·4	23	- 17
	Blackpool	70	34	54·6	40·9	47·3	- 3·1	42	3	6	1·03	+ 0·58	31·5	- 14·0	28	- 13
	Manchester, Prestwich	67	35	54·8	41·9	48·0	- 1·9	42	0	5	0·59	+ 0·04	23·4	- 15·5	21	- 14
	†Liverpool Obs. (Hoylake)	69	40	54·3	44·1	48·9	- 2·5	48	0	5	0·56	+ 0·14	26·8	—	24	—
	†Hawarden Bridge (Southport)	70	36	55·5	42·9	48·8	- 2·8	48	0	5	0·50	+ 0·16	30·1	—	27	—
NORTH WALES	Llandudno	63	39	54·3	43·7	48·7	- 2·6	47	0	4	0·74	+ 0·31	26·0	- 20·3	24	- 19
	†Holyhead (Aberdovey)	59	40	52·3	43·4	47·6	- 3·1	39	0	5	0·57	+ 0·15	44·4	—	41	—
	Bettws-y-Coed	71	34	56·3	41·0	48·2	- 2·8	48	3	5	0·95	—	23·6	—	22	—
8. SOUTH WALES	Llangammarch Wells	71	28	56·9	37·5	46·6	- 3·5	51	13	4	0·29	—	42·5	—	39	—
	Pembroke	65	36	53·6	42·0	47·5	- 3·0	39	0	3	1·03	+ 0·63	56·8	+ 6·5	53	+ 6
	†Cardiff (Aberystwyth)	73	32	60·2	41·0	50·0	- 2·4	60	3	2	0·04	- 0·51	35·0	-	32	—
8. ENGLAND, S.W.	†Clifton (Torquay)	74	39	60·5	43·6	51·5	- 1·4	67	0	3	0·41	- 0·05	81·2	+ 29·9	76	+ 28
	†Shaftesbury (Marlborough)	72	37	59·0	42·3	50·2	+ 0·2	57	0	4	1·99	+ 1·43	34·4	- 7·6	32	- 7
	†Arlington (Newquay)	72	33	57·6	41·3	49·0	- 1·1	52	2	4	0·38	- 0·25	*	*	*	*
	Cullompton	72	31	61·3	42·1	51·1	- 0·9	64	0	4	0·19	- 0·26	66·6	+ 21·2	62	+ 20
	Plymouth	72	36	59·6	43·4	51·0	- 1·9	63	0	2	0·05	- 0·38	69·7	+ 19·8	65	+ 19
	Falmouth	64	40	55·4	44·0	49·4	- 2·4	52	0	3	0·40	- 0·10	69·4	+ 16·1	65	+ 15
9 IRELAND, N. — Western part.	Malin Head	50	35	47·9	40·4	43·9	- 5·4	20	4	5	0·45	- 0·02	*	*	*	*
	Edenfel	61	38	53·4	40·6	46·6	- 2·7	38	4	5	0·88	+ 0·32	*	*	*	*
	Blacksod Point	54	39	50·6	43·0	46·6	- 4·1	32	0	6	0·67	+ 0·07	*	*	*	*
	Markree Castle	57	37	52·9	40·4	46·3	- 3·2	37	4	5	0·77	+ 0·21	43·1	+ 0·5	39	0.
9 IRELAND, N. — Eastern part.	Armagh	60	36	54·1	39·3	46·3	- 3·7	41	8	5	0·73	+ 0·23	36·5	- 5·5	33	- 5
	Donaghadee	53	39	50·3	42·4	46·1	- 3·8	29	0	4	1·05	+ 0·55	*	*	*	*
10. IRELAND, S. — Eastern part.	†Dublin, City (Phœnix Park)	63	39	55·5	43·4	49·1	- 2·9	50	0	3	0·52	+ 0·09	47·3	- 0·6	43	- 1
	Kilkenny	68	38	57·1	41·3	48·7	- 2·4	50	2	3	0·16	- 0·30	*	*	*	*
	Waterford	71	31	60·1	39·6	49·2	- 1·9	60	7	0	0·00	- 0·45	*	*	*	*
10. IRELAND, S. — Western part.	Birr Castle	67	36	56·1	40·3	47·7	- 3·1	47	5	3	0·46	- 0·03	45·3	+ 3·0	41	+ 3
	Foynes	56	39	50·6	43·2	46·7	- 4·5	33	0	5	0·37	- 0·13	*	*	*	*
	Killarney	67	35	59·2	40·4	49·2	- 2·4	57	4	5	0·31	- 0·35	*	*	*	*
	Valencia	63	39	55·1	43·4	48·9	- 2·9	48	0	4	0·33	- 0·33	68·7	+ 21·8	63	+ 20
	†Roches Point (Ballinacurra)	64	40	56·4	43·6	49·6	- 2·5	53	0	1	0·03	- 0·54	67·3	—	62	—
11. ENGLISH CHANNEL	Scilly, St. Mary's	59	43	53·9	47·0	50·2	- 2·0	57	0	2	0·32	- 0·03	72·8	+ 19·1	68	+ 18
	†Jersey, St. Aubins (St. Heliers)	75	35	59·9	47·0	53·1	- 0·1	78	0	2	0·02	- 0·41	73·5	+ 17·2	69	+ 16
	Guernsey	65	40	57·8	45·6	51·3	- 1·2	65	0	0	0·00	- 0·43	77·8	+ 19·4	73	+ 18

Information for Stations marked ℳ is supplied by the Royal Meteorological Society, and that for Stations marked 𝒮 is supplied by the Scottish Meteorological Society.

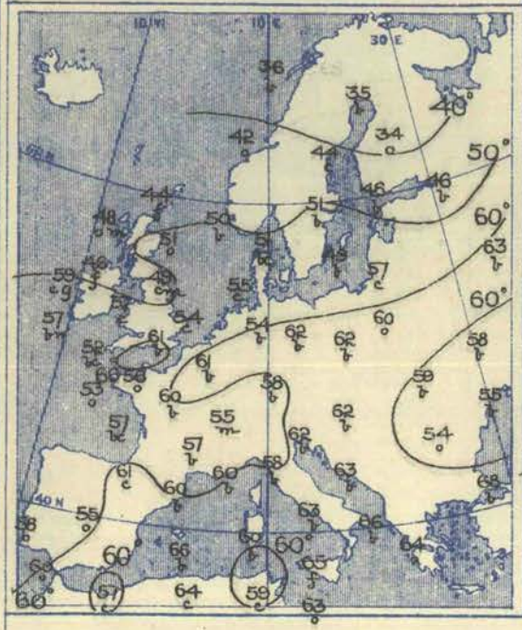
* An Asterisk is inserted in all places for which the information is not usually given.

† There is no Sunshine Recorder in use at this Station. The figures entered for Sunshine are those recorded at a Station in the same district of which the name is given in brackets.

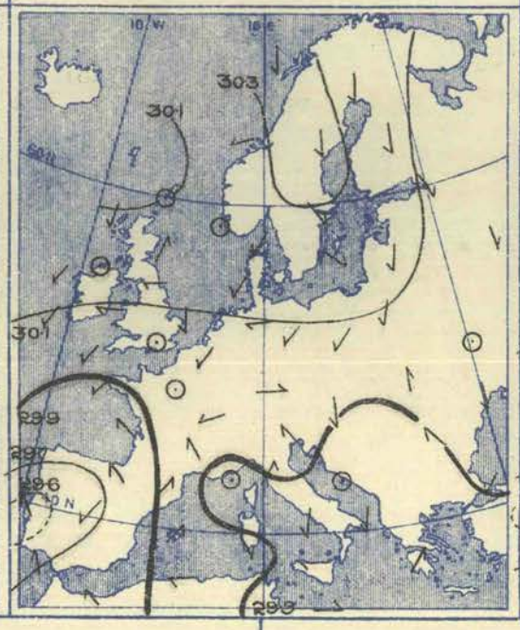
Additional Sunshine Totals for the week: Ramsgate, 45·6 hrs., 42 %; Brighton, 62·6 hrs. (+ 13·1), 58 % (+ 12%); Bournemouth, 66·9 hrs., 62 %; Bognor, 64·9 hrs., 60 %; Rhyl, 31·8 hrs., 29 %; Tenby, 64·5 hrs. (+ 14·1) 60 % (+ 13 %).

Sunday, 13th May, 1906.

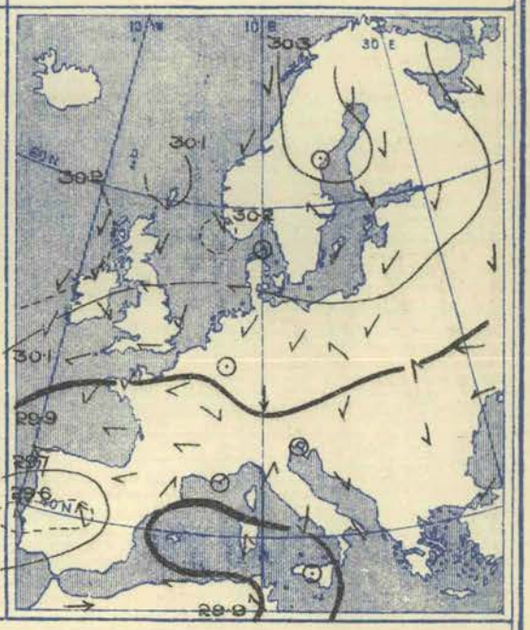
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fair or fine and bright over our area as a whole, but cloudy or dull in Scotland and the Spanish Peninsula. Thunderstorms occurring later at Madrid and a few French stations and locally in the south-east of England. Some rain falling at various places in Scotland and the north-east and east of England, as much as 0·75 in. at Great Yarmouth.

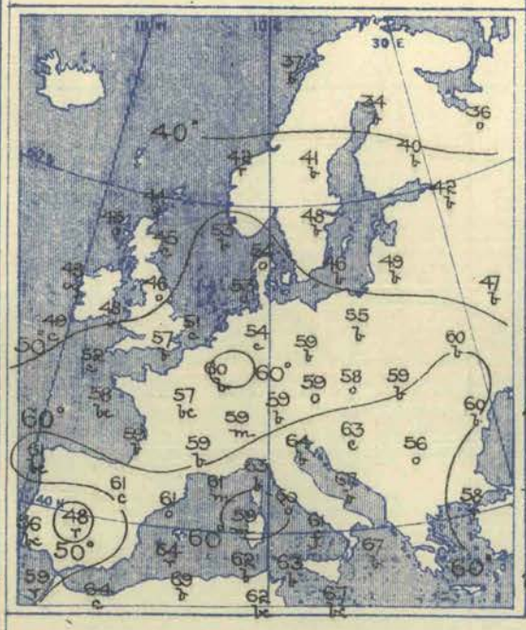
TEMPERATURE risen over the western countries, fallen in the north of Russia, changed little elsewhere. Readings in morning highest, 68° at Constantinople, 66° at Palma and Brindisi, and above 60° at many other southern stations and in some parts of southern England. Lowest, below 50° at many northern stations both on the Continent and the United Kingdom, and as low as 34° at Kuopio. Rising during day to above 70° over the south of our Islands, above 75° in many parts of central and southern Europe, and to 81° at Brindisi. Thermometer just exceeding 90° at Oran and touching 95° at Nemours.

WIND in morning showing a very extensive anticyclone circulation over the northern half of our area, light and irregular cyclonic breezes over the Mediterranean, and a partial cyclonic movement over the Iberian Peninsula. No change of importance later in day.

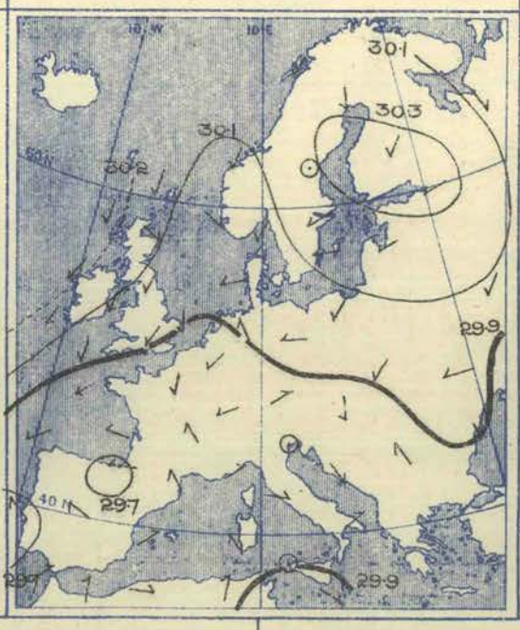
BAROMETER at 8 a.m. above 30·0 ins. in a very large high pressure covering nearly the whole of the northern half of Europe and as high as 30·3 ins. over the more northern parts of Scandinavia. Below 29·9 ins. in an irregularly shaped area over the eastern part of the Mediterranean and the adjacent countries, and below 29·6 ins. in a depression near Lisbon. Latter system moving north-eastwards during day and pressure decreasing slowly over France and our southern counties. Little modification taking place within the region of highest pressure.

Monday, 14th May, 1906.

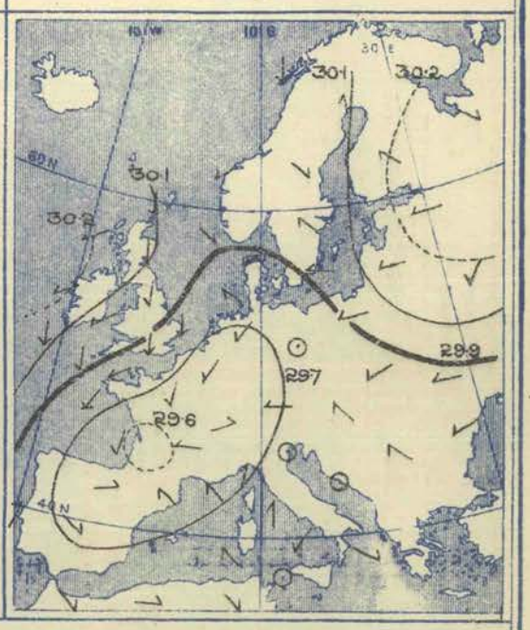
Temperature and Weather 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fair or fine as a whole, but cloudy or overcast in places, with showers in the north-east of Scotland, and rain at Groningen, Cape Gris Nez, Constantinople, and at some Spanish stations. Thunderstorms experienced later in many parts of France, at the mouth of the Elbe, and at Llandudno, and rain in several other districts. Largest amount 1·06 in. at Rochefort.

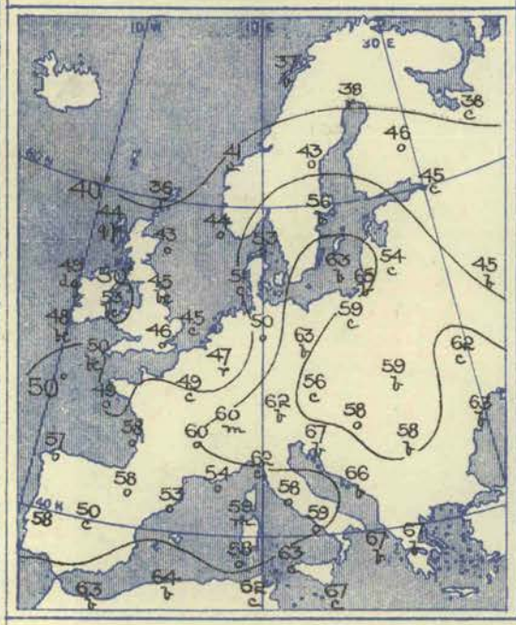
TEMPERATURE fallen in nearly all places. Readings at 8 a.m. ranging from 69° at some Algerian stations and 67° at Brindisi and Lesina to below 50° over the northern half of the United Kingdom and over the northern regions of the Continent, and to less than 40° over the extreme north of Norway and Sweden. Thermometer touching 90° during day in Algeria, and 86° in a few other southern localities. Maxima above 75° over central Europe and 70° in the south of England. Readings not exceeding 49° at Shields and Spurn Head.

WIND in morning moderate or fresh from the Northward or North-Eastward over these Islands and their vicinity. A light cyclonic circulation prevailing over the south-western portion of our area, and an extensive anticyclonic movement in the north and north-east. Cyclonic winds becoming rather more clearly defined in the south-west by evening and extending towards central Europe.

BAROMETER in morning above 30·3 ins. in an anticyclone having its centre over Finland and above 30·2 ins. in another system off our own north-west coasts. Relatively low and very uniform over all the more south-eastern countries and as low as 29·7 ins. in two minima over the Spanish Peninsula. Pressure decreasing slowly over the major portion of our area later but rising in Portugal. Spanish depression travelling north-eastwards and extending to Germany.

Tuesday, 15th May, 1906.

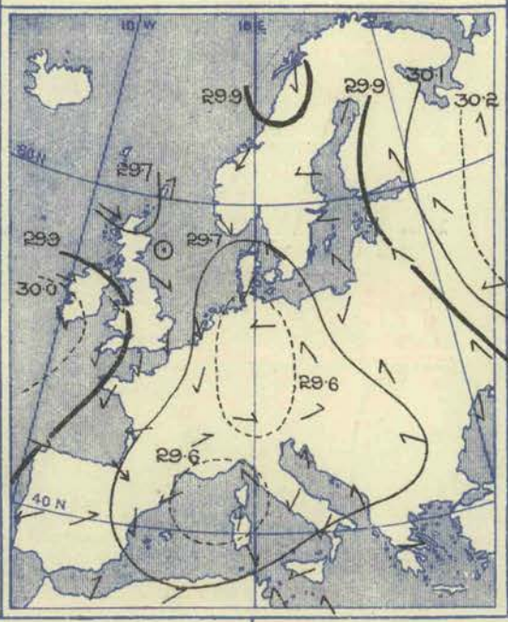
Temperature and Weather. 8 a.m.



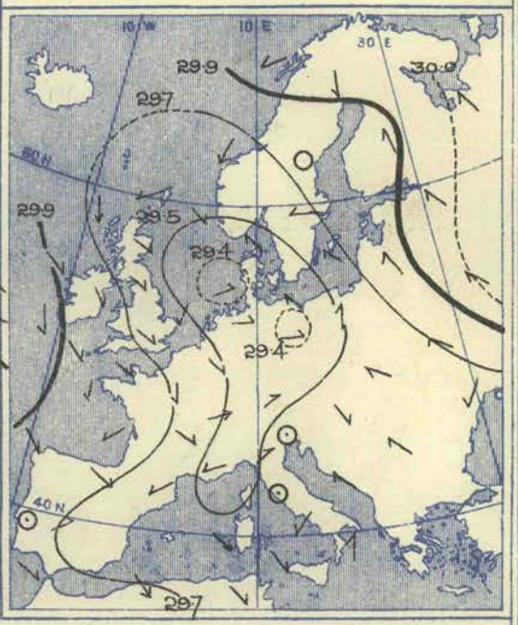
WEATHER at 8 a.m. fine and bright in a few scattered localities, but very cloudy or entirely overcast as a whole, with rain in the extreme north-west and north of our Islands, over the Low Countries, and the adjacent portion of Germany, and also at Bodö. Thunderstorms later at Lyons and Neu-Fahrwasser, thunder at Fanö, and various quantities of rain in almost all regions except Russia; largest amounts reported 0·7 in. at Charleville, 0·9 in. at Carlsruhe, and 1·1 in. at Oxö.

TEMPERATURE fallen except over the north-east and east of Europe and in a few other isolated places. Readings in morning 66° or 67° at several stations in the far south and south-east of our area, 65° at Memel, and 63° at Wisby. Below 50° over all parts of the United Kingdom except at Holyhead and Scilly, and below 40° in the extreme north of the Continent. Maxima during day 81° at Brindisi and 79° at Berlin; above 70° in almost all the central and southern countries, but only about 50° in many parts of our Islands.

Barometer and Wind. 8 a.m.



6 p.m.

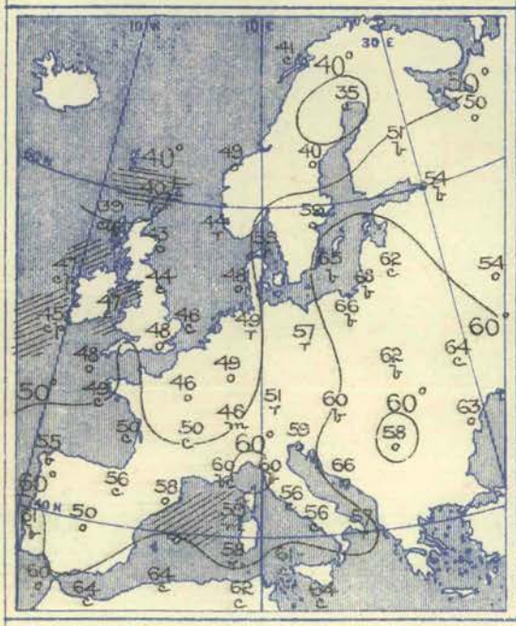


WIND in morning showing a very large and complex cyclonic circulation around the central and southern regions and a partial cyclonic movement in the north of our Islands. Not much force generally, but Northerly current fresh or strong over England, France, and the Bay of Biscay. Wind becoming Northerly or North-Westerly in Scotland later, and backing somewhat and decreasing in strength over England.

BAROMETER at 8 a.m. above 30·2 ins. over the northern half of Russia, and above 30·0 ins. over the south and west of Ireland. Below 29·7 ins. in a depression off the north of Scotland and less than 29·6 ins. in a large area of low readings with minima over Germany and the western part of the Mediterranean. Scotch disturbance apparently travelling south-eastwards during day and becoming merged in the German system. Pressure decreasing throughout our area except in the extreme north of Norway.

Wednesday, 16th May, 1906.

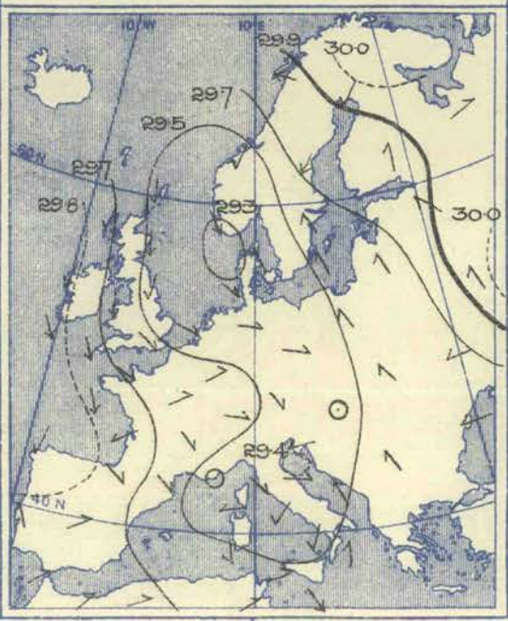
Temperature and Weather. 8 a.m.



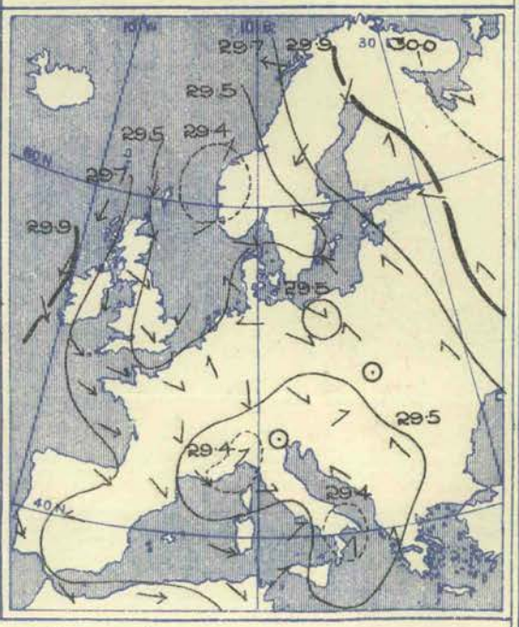
WEATHER at 8 a.m. fine in some scattered localities, but very cloudy or overcast as a whole, with rain or passing showers over the United Kingdom and the nearer parts of the Continent, as well as in the south of Norway and in various German and Italian districts. Thunderstorms later in many parts of England, with heavy hail, and a thunderstorm also occurring at Buda-Pesth, with as much as 1·3 in. of rain. Rain falling in nearly all places except Algeria and the Riviera, largest amount in this country 0·99 in. at Aberdeen.

TEMPERATURE fallen quickly over France and Germany, risen somewhat in most other regions. Readings in morning, 68° at Memel, 66° at Neu-Fahrwasser, 66° at Sfax, 65° at Barcelona, and about 60° at a few other stations in the central and southern parts of our area. Below 50° in these Islands, most parts of France, the Netherlands, and western Germany, and also in nearly all parts of northern Europe. Lowest value 35° at Bodö. Maxima during day below 50° in many British localities, but as high as 72° at Wisby and above 70° over the central and southern countries. Highest readings 77° at Memel and Buda-Pesth, and 81° at Brindisi.

Barometer and Wind. 8 a.m.



6 p.m.

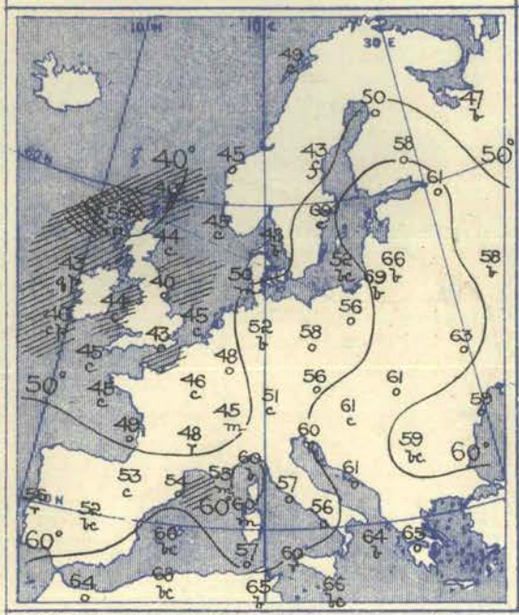


WIND at 8 a.m. showing a vast cyclonic circulation around the North Sea and a smaller movement over Italy and its vicinity. Northerly and North-Westerly current fresh to very strong over the United Kingdom and France; little force elsewhere. No change of a general character taking place later.

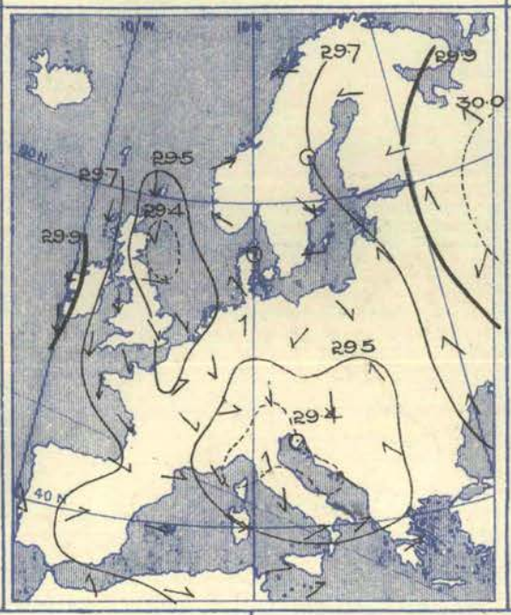
BAROMETER in morning above 30·0 ins. in the extreme north and north-east of our area and above 29·8 ins. in the west and south-west. Below 29·5 ins. over the greater portion of Italy and less than 29·3 ins. in a large depression having its centre off the extreme south of Norway. Latter system travelling northwards during day; secondary disturbances forming over the south-east of England. Italian low pressure area increasing in intensity and becoming very complex.

Thursday, 17th May, 1906.

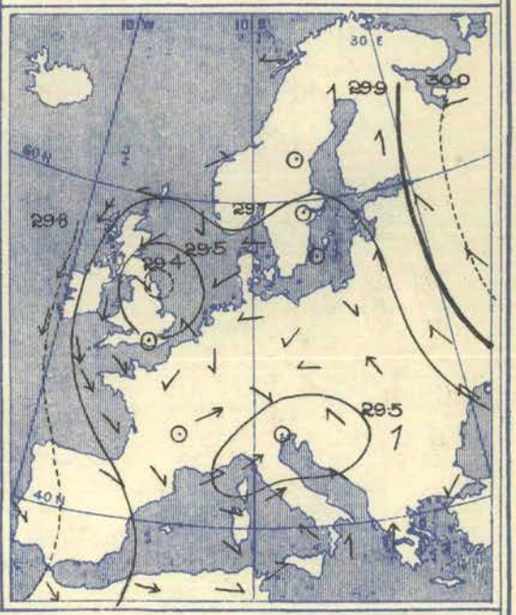
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. cloudy or quite overcast as a whole; fine in some southern regions and over the greater portion of Russia. Rainy in the north of Italy, the south-east of France, and at some stations in the Spanish Peninsula, and showery, with hail, in Ireland. Rain or sleet falling over Scotland. Thunderstorms later at Lyons, Kuopio, Hangö, and Breslau. Showers of hail, rain, or sleet, in most parts of these Islands, and various quantities of rain in nearly all Continental regions except Scandinavia and the south of Russia. Largest amounts 0·9 in. at Biarritz and Turin, and 1·0 in. at Trieste.

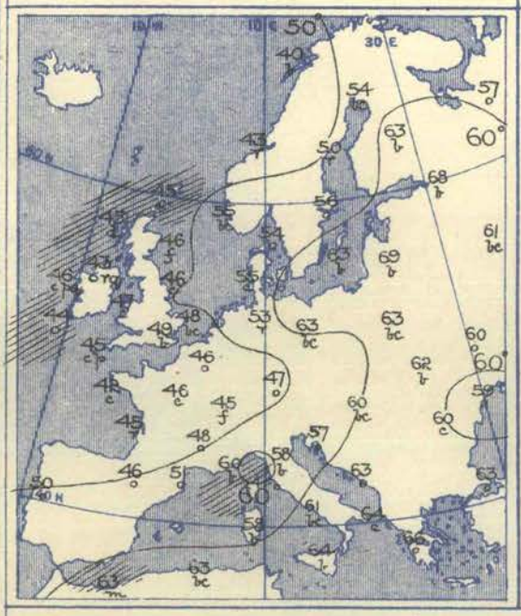
TEMPERATURE risen in Russia, Finland, and the north of Scandinavia, fallen generally elsewhere. Readings in morning 69° at Memel, 66° at Riga, 68° at Algiers, 66° at Malta, and above 60° in the far south as a whole. Below 50° over these Islands and the greater part of France and the extreme north of Europe, and as low as 39° at Stornoway. Maxima during day less than 50° at almost all our own stations, and a sharp frost occurring at night over many parts of England. Maxima above 70° in the south and as high as 82° at Tunis and also at St. Petersburg.

WIND in morning fresh to very strong from the Northward over the United Kingdom and the west of France and moderate from South or South-East on the eastern and southern shores of the North Sea. A separate cyclonic circulation of little force prevailing over Italy and its neighbourhood. No important change during day over our area generally but cyclonic movement becoming better defined over our Islands.

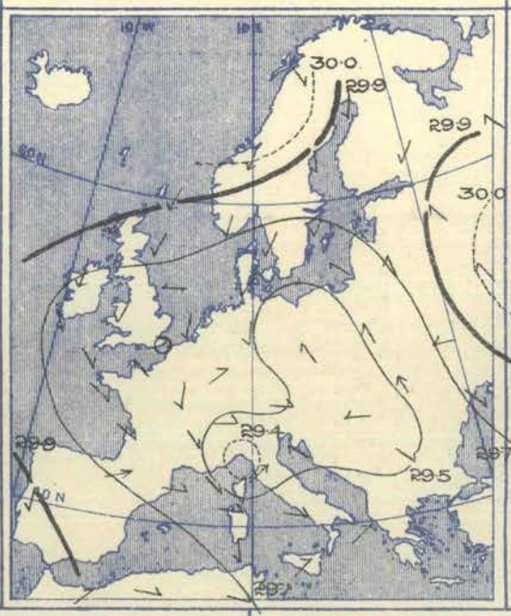
BAROMETER in morning ranging from above 30·0 ins. over the east of Russia and above 29·9 ins. to the westward of Ireland to below 29·4 ins. in a rather deep depression centred over the North Sea off the east of Scotland, and also in a shallow system over the north of Italy. Northern disturbance moving slowly southwards later and that in the south extending in an easterly direction. Pressure increasing decidedly over Norway and the Shetlands.

Friday, 18th May, 1906.

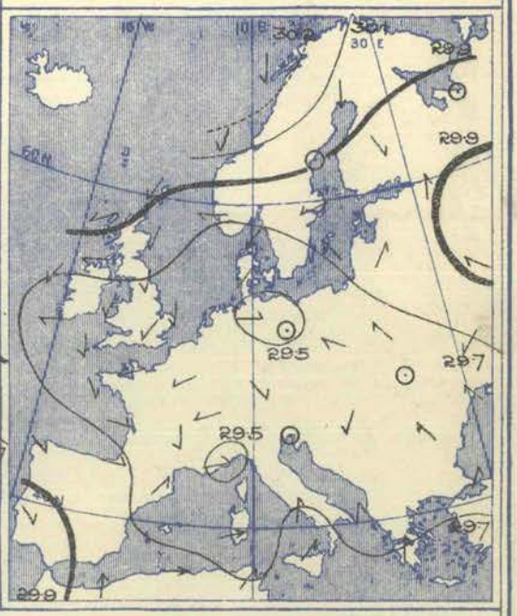
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. dull and rainy in most parts of Scotland and at many stations in Scandinavia, showery in Ireland and Wales, and dull, with some rain, in the south-west of France and the Netherlands. Fair or fine in most other parts of our area. Heavy rain later in the north of Italy and smaller quantities in many other regions of the Continent, as well as at our own northern and western stations. Thunderstorms occurring at the Scaw and Nantes and lightning seen at Roche's Point.

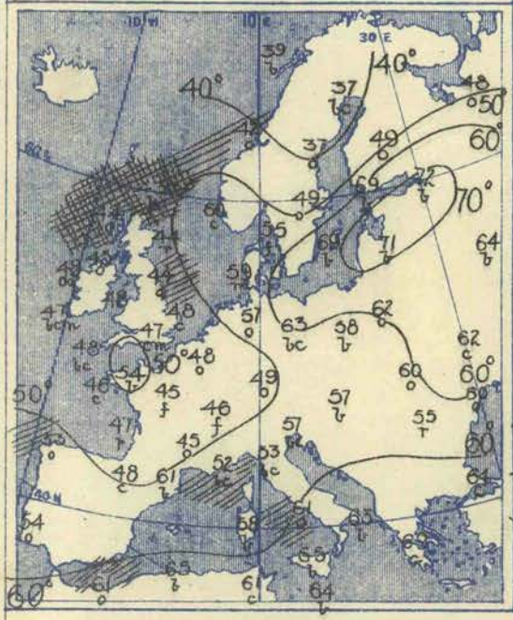
TEMPERATURE fallen over the Iberian Peninsula and the west of France, risen in most other regions. Morning readings below 50° in nearly all places in the north-west of Europe and in France, the lowest value being 40° at Rodö. Above 60° over the regions of the Baltic and the Gulf of Finland, some parts of central Europe, and on most shores of the Mediterranean. Highest figures 70° at Memel and Tunis and 69° at Riga. Temperature rising to above 70° during day over the south of Sweden and to 86° at St. Petersburg. Maxima above 70° over the central and southern parts of our area and 81° at Tunis.

WIND at 8 a.m. circulating cyclonically round a very extensive but irregularly shaped area over England and the central countries of Europe. Light or moderate in force generally, but North-Easterly current blowing freshly or strongly over Scotland and the north-west of Ireland. No change of importance taking place later.

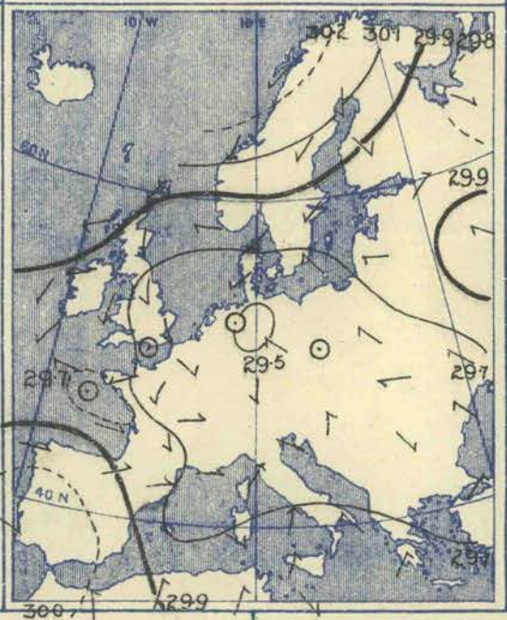
BAROMETER in morning above 30·0 ins. both over central Russia and off the north-west of Norway, and above 29·9 ins. in Portugal. Low in an ill defined area extending from Ireland to Bulgaria and from Corsica to north Germany. Lowest reading 29·39 ins. at Turin. Pressure increasing to above 30·2 ins. in the north-west of Norway by evening but decreasing in central Russia. Changes slight and irregular over our area generally and low pressure area becoming somewhat modified in form.

Saturday, 19th May, 1906.

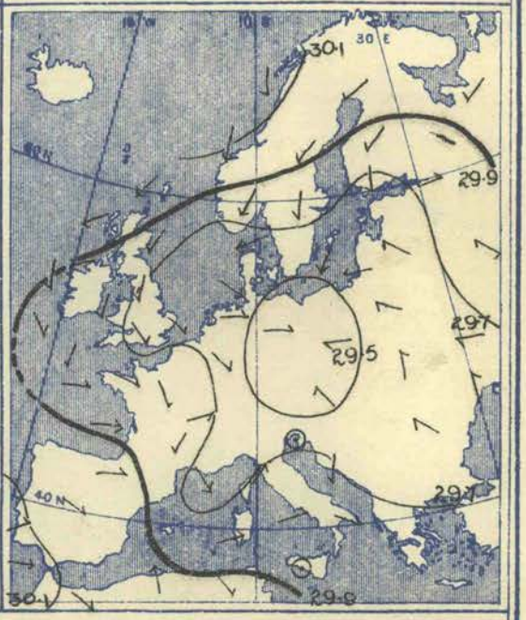
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



6 p.m.



WEATHER at 8 a.m. fine and bright in the extreme south of our area and at many stations in the region of the Baltic; cloudy or overcast as a whole, with steady rain in the north-east of Great Britain, and at the Helder, Aix-la-Chapelle, and Rochefort, as well as at Hermanstadt. Rain continuing all day in the north-east of England; as much as 2·53 ins. at North Shields, and 2·23 ins. at Seaham; heavy amounts also recorded in the north-east of Ireland and in many Continental localities.

TEMPERATURE changed irregularly. Readings in morning 72° at St. Petersburg, 71° at Riga, and 70° at Memel; about 60° over the extreme south of our area, and as high as 69° at Athens. Below 40° in the north of Scandinavia and not many degrees above it in the north of our Islands; only 43° at Limoges and 45° at Paris. Thermometer rising to 82° at St. Petersburg, and to above 70° in nearly all parts of central and southern Europe. Maximum readings above 60° at some of our own southern stations.

WIND in morning North-Easterly and Northerly over the northern and north-western countries, mainly Westerly in the Mediterranean region, and Southerly or South-Easterly over the greater portion of Russia. Strong or fresh in force over Scandinavia and Scotland, light or moderate elsewhere. Very little change later in day.

BAROMETER at 8 a.m. above 30·2 ins. in the north-west of Norway, above 30·0 ins. over the western half of the Spanish Peninsula, and above 29·9 ins. over the centre of Russia. Below 29·5 ins. in a very large and irregularly shaped depression having its minimum over Germany, and a secondary over the North Sea. A shallow disturbance shown off the west coast of Brittany. No change occurring later in the general distribution. Depression off the coast of Brittany disappearing but barometric variations very slight in most regions.

IV.—TEMPERATURE on the Grass, and in the Ground.

	STATION.	Grass Min.		Mean Earth Temp.	
		No. of Obs. of 30° or less.	Lowest reading.	At 1 foot.	At 4 feet.
			°	°	°
2.	York	—	—	50·1	47·0
	Hull	2	26	50·7	47·7
3.	Cambridge	1	26	—	—
	Dunmow	2	24	—	—
4.	Harrogate	2	26	47·3	46·5
	Sheffield	1	29	48·3	45·2
	Birmingham	1	27	47·3	45·9
	Nottingham	1	26	50·6	47·6
5.	Kew	2	25	52·6	49·2
	Canterbury	0	32	53·3	50·2
	Portsmouth	1	28	54·9	51·6
6.	Glasgow	0	33	—	—
7.	Newton Rigg	1	27	49·5	46·2
	Bettws-y-Coed	0	33	49·9	47·6
	Manchester (Oldham Road)	0	35	50·2	47·5
8.	Llangammarch Wells	—	—	50·7	47·0
	Bath	—	—	54·8	50·9
	Plymouth	1	29	56·1	—
9.	Armagh	—	—	—	—
	Markree	—	—	—	—
10.	Dublin, Trin. Coll.	0	35	51·0	49·0
11.	Guernsey, Brooklyn	1	29	54	51

V.—OBSERVATIONS IN THE UPPER AIR.—Temperature, Humidity and Wind Velocity.

Date of Observation.	Station and its Height above M.S.L.		Heights in feet above Mean Sea Level.							Remarks.
			Ground Level.	1,660.	3,320.	5,000.	6,660.	8,320.	10,000.	
1906. May 20th. 10.15 a.m. to 11.30 a.m.	Brighton, 350 ft.?	Temperature F.	53·2	47						
		Humidity	70%	90						
		Wind Velocity, m. per hr.	NW by N, 20	NW by N, 20						
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								Not sufficient wind at Oxshott to raise a kite, except on Monday afternoon, when the opportunity was missed.
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								

63, Victoria Street, London, S.W.
May 23rd, 1906.

W. N. SHAW,
Director.

ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE,

AND PUBLISHED FOR H.M. STATIONERY OFFICE BY WYMAN AND SONS, LTD., FETTER LANE, E.C., AND 32, ABINGDON STREET, WESTMINSTER, S.W.; OR OLIVER AND BOYD, EDINBURGH; OR E. PONSONBY, 116, GRAFTON STREET, DUBLIN.

TWENTY-NINTH YEAR. *Vol. XXIII. (New Series.)* No. 21. TWENTY-FIRST WEEK, ENDING SATURDAY, MAY 26TH, 1906. [*Price 6d.* *Annual Subscription post paid* £1 10s. 0d.

I.—GENERAL REMARKS.

Weather was generally cool and unsettled, with occasional heavy rain in most districts. Thunderstorms occurred in the south of England on Wednesday and in the northern parts of Great Britain on Thursday, Friday and Saturday.

Temperature was considerably below the average, especially in Scotland, where the deficit amounted to between 4° and 5°. The highest readings were recorded at varying times, but chiefly between Tuesday and Thursday. In the eastern and central parts of England the thermometer rose to 70° or slightly above it, but in the extreme northern and north-western districts it scarcely exceeded 60°. The lowest temperatures occurred, as a rule, on Monday or Tuesday, when the sheltered thermometer fell slightly below the freezing point in many parts of our northern and central districts. In the west and south of England it did not fall below 36° or 37°, while in the Channel Islands the absolute minimum was as high as 44°.

Rainfall was largely in excess of the average in all districts excepting Scotland N. and England N.E., where the amount agreed very closely with the normal. In the southern parts of the Kingdom, including the districts England S. and S.W., Ireland S. and the Channel Islands, the aggregate was from two to three and a half times as much as the average.

Bright Sunshine was generally deficient, especially in the western and central parts of the Kingdom. In Ireland and the north-west of England the total duration amounted to only about one fourth of the average.

Barometer and Wind.—At the commencement of the week the barometer was high to the north-westward of these Islands, and low over the Continent, the prevailing winds being therefore from the Northward (North-East to North-West). On Monday the high and low pressure systems both grew weaker, and the Northerly wind consequently subsided. Between Tuesday and Friday a depression which appeared originally off our south-west coasts moved slowly northward along the west of Ireland, the wind being at first Easterly, and strong in force at some of the western stations, but afterwards veering to the Southward or South-Westward in all but the extreme northern districts. At the close of the period the disturbance was passing away in a north-westerly direction over the Atlantic.

SUMMARY OF TEMPERATURE, RAINFALL, AND DURATION OF BRIGHT SUNSHINE IN THE UNITED KINGDOM, FOR AGRICULTURAL AND SANITARY PURPOSES.

THE WEEK (21st)—May 20th to May 26th, 1906.

DISTRICTS. (See p. 122.)	Temperature. Highest.	Lowest.	Means of: Daily Max.	Daily Min.	Daily Mean.	Difference from Av. (35 Yrs.)	Accumulated. Number of Day-Degrees. Above 42°	Difference from Av. (25 Yrs.)	Below 42°	Difference from Av. (25 Yrs.)	Rainfall. Number of Rain-Days.	Diff. from Av. (35 Yrs.)	Total Fall.	Difference from Average (35 Yrs.)	Sunshine. Hours recorded.	Diff. from Av. (25 Yrs.)	Percentage of Possible Duration	Diff. from Av. (25 Yrs.)
	°	°	°	°	°	°	Day-deg.	Day-deg.	Day-deg	Day-deg.			Inches.	Inches.			%	%
0. SCOTLAND, NORTH ..	62	31	49·8	38·8	44·0	− 4·5	27	− 23	9	+ 4	5	+ 1	0·67	+0·06	21	− 17	17	−14
Eastern 1. SCOTLAND, EAST ..	65	28	50·7	38·6	44·3	− 5·2	30	− 25	10	+ 6	5	+ 2	1·00	+0·52	25	− 17	21	−15
Eastern 2. ENGLAND, N.E. ..	70	29	54·1	42·5	47·9	− 3·2	41	− 16	0	− 2	5	+ 2	0·47	+0·04	24	− 22	21	−19
Eastern 3. ENGLAND, EAST ..	71	35	57·8	45·0	51·0	− 1·8	63	− 9	0	− 3	4	+ 1	0·77	+0·36	31	− 17	28	−15
Eastern 4. MIDLAND COUNTIES	71	31	56·3	42·7	49·1	− 3·2	50	− 20	0	− 2	5	+ 2	0·85	+0·38	18	− 28	16	−25
Eastern 5. ENGLAND, SOUTH ..	69	37	57·3	45·3	50·9	− 2·2	62	− 16	0	− 1	5	+ 2	1·17	+0·77	29	− 20	26	−18
Western 6. SCOTLAND, WEST ..	61	30	52·6	41·5	46·8	− 4·2	36	− 22	1	− 1	5	+ 2	1·20	+0·56	18	− 26	16	−23
Western 7. ENGLAND, N.W. ..	67	37	54·6	43·6	48·8	− 3·0	48	− 18	0	− 1	6	+ 3	0·91	+0·43	11	− 33	10	−29
Western 8. ENGLAND, S.W. ..	62	36	55·0	44·2	49·3	− 3·4	51	− 22	0	− 1	6	+ 3	1·64	+1·15	22	− 22	20	−20
Western 9. IRELAND, NORTH ..	61	32	54·2	42·3	47·9	− 3·1	41	− 25	0	− 1	6	+ 2	0·82	+0·28	11	− 31	10	−27
Western 10. IRELAND, SOUTH ..	64	35	55·2	44·8	49·7	− 3·0	54	− 20	0	− 1	5	+ 2	1·21	+0·66	14	− 32	13	−29
11. CHANNEL ISLANDS..	62	44	55·9	47·7	51·6	− 2·3	67	− 14	0	0	6	+ 3	1·17	+0·76	33	− 24	31	−22

THE SEASON (**Spring**).—Aggregates, &c., for the Period of 12 Weeks, March 4th to May 26th, 1906.

0. SCOTLAND NORTH ..	71	8	*	*	*	*	236	− 76	305	+ 76	61	+12	10·98	+1·91	347	− 19	29	− 2
Eastern 1. SCOTLAND, EAST ..	72	11	*	*	*	*	324	− 54	294	+ 60	52	+10	8·37	+2·60	408	+ 19	35	+ 2
Eastern 2. ENGLAND, N.E. ..	72	18	*	*	*	*	414	+ 27	203	+ 26	46	+ 6	4·90	+0·12	444	+ 9	38	+ 1
Eastern 3. ENGLAND, EAST ..	75	24	*	*	*	*	474	− 27	164	− 24	37	− 1	3·58	−0·89	480	+ 42	42	+ 4
Eastern 4. MIDLAND COUNTIES	75	18	*	*	*	*	499	− 13	210	+ 16	41	+ 3	3·96	−1·20	410	+ 11	36	+ 1
Eastern 5. ENGLAND, SOUTH ..	77	22	*	*	*	*	491	− 51	150	+ 23	38	+ 2	4·37	−0·53	494	+ 41	43	+ 4
Western 6. SCOTLAND, WEST ..	73	18	*	*	*	*	378	− 27	185	+ 22	46	+ 3	9·68	+1·13	398	− 15	34	− 1
Western 7. ENGLAND, N.W. ..	71	16	*	*	*	*	395	− 57	172	+ 35	44	+ 5	7·16	+1·40	403	+ 8	35	+ 1
Western 8. ENGLAND, S.W. ..	74	19	*	*	*	*	463	− 47	147	+ 47	43†	+ 4	7·22†	+0·46	488	+ 64	43	+ 6
Western 9. IRELAND, NORTH ..	67	20	*	*	*	*	356	− 99	149	+ 20	58	+ 9	7·94	+1·25	373	− 21	32	− 2
Western 10. IRELAND, SOUTH ..	71	25	*	*	*	*	478	− 64	102	+ 7	47	+ 4	6·73	−0·72	440	− 6	38	− 1
11. CHANNEL ISLANDS..	75	31	*	*	*	*	514	− 89	36	+ 4	43	+ 2	4·88	−0·96	544	+ 22	48	+ 2

THE YEAR.—Aggregates, &c., for the period of 21 Weeks, December 31st, 1905, to May 26th, 1906.

0. SCOTLAND, NORTH ..	71	8	*	*	*	*	254	−124	646	+ 95	113	+21	24·06	+5·30	452	− 8	27	0
Eastern 1. SCOTLAND, EAST ..	72	11	*	*	*	*	361	− 98	624	+ 25	88	+12	13·36	+2·47	572	+ 54	34	+ 3
Eastern 2. ENGLAND, N.E. ..	72	18	*		*	*	470	− 1	464	− 20	83	+12	8·98	+0·58	601	+ 28	35	+ 2
Eastern 3. ENGLAND, EAST ..	75	23	*	*	*	*	552	− 44	413	−116	78	+ 7	9·18	+1·22	636	+ 67	37	+ 4
Eastern 4. MIDLAND COUNTIES	75	18	*	*	*	*	578	− 42	486	− 53	81	+11	9·87	+0·42	552	+ 37	32	+ 2
Eastern 5. ENGLAND, SOUTH ..	77	20	*	*	*	*	624	− 38	351	− 38	83	+13	11·83	+2·28	671	+ 80	39	+ 5
Western 6. SCOTLAND, WEST ..	73	14	*	*	*	*	440	− 59	419	0	91	+ 9	20·57	+2·93	541	+ 22	32	+ 1
Western 7. ENGLAND, N.W. ..	71	16	*	*	*	*	472	− 82	379	− 12	87	+12	15·72	+4·48	533	+ 27	31	+ 2
Western 8. ENGLAND, S.W. ..	74	19	*	*	*	*	615	− 50	327	+ 31	90†	+16	18·80†	+4·99	648	+ 92	38	+ 5
Western 9. IRELAND, NORTH ..	67	20	*	*	*	*	454	−128	355	+ 2	113	+22	16·61	+3·56	522	+ 10	31	+ 1
Western 10. IRELAND, SOUTH ..	71	24	*	*	*	*	666	− 65	264	+ 1	99	+16	15·50	+0·04	591	+ 1	35	0
11. CHANNEL ISLANDS..	75	27	*	*	*	*	754	− 76	79	− 35	97	+16	13·51	+1·33	729	+ 41	42	+ 2

† Corresponding values for some previous weeks have been altered owing to the receipt of further information.

Bright Sunshine.—For certain of the Districts the values of Bright Sunshine in this Table are based on the records from a part only of the Stations included in the Tables under II. and IV. For certain of the Stations Mean Values are not available, and for the Districts containing these Stations the "Difference from Average" is based on the records from a smaller number of Stations than those supplying the values for "Hours Recorded."

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II.—DATA from which the SUMMARY on page 121 has been calculated.

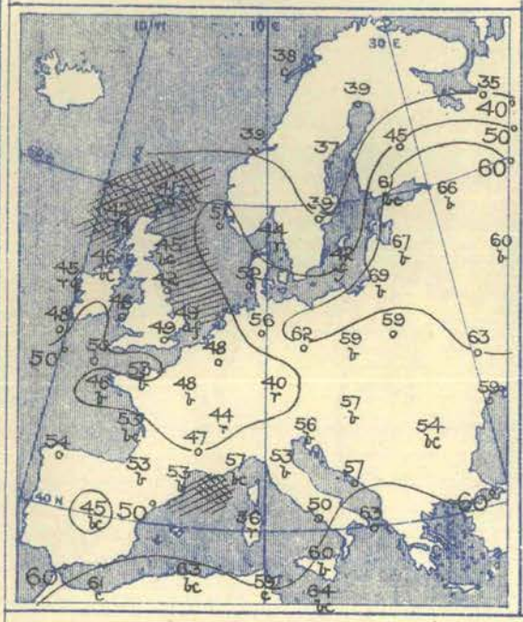
May 20-26, 1906. Districts.	Names of Stations.	Temperature. In Degrees Fahrenheit.								Rainfall.			Bright Sunshine.			
		Highest observed.	Lowest observed.	Averages for the Week.			Difference of Daily Average from Mean for the Week.	Accumulated Heat for the Week (in Day-degrees).		Number of Rain-Days.	Rainfall in the Week.	Difference from the Mean for the Week.	Number of Hours recorded.	Difference from the Mean for the Week.	Percentage of possible duration.	Difference from the Mean for the Week.
				Of Highest each day.	Of Lowest each day.	For whole of each day.		Above 42°	Below 42°							
		°	°	°	°	°	°	Day-deg	Day-deg		Inches.	Inches.	Hrs.	Hrs.	%	%
0. SCOTLAND, N.	†Sumburgh Head (Deerness)	50	34	46·9	38·4	42·4	- 3·5	18	10	6	0·26	- 0·16	23·3	- 14·8	19	- 12
	Wick	57	35	49·7	38·3	43·7	- 4·3	27	10	5	1·01	+ 0·60	*	**	*	*
	†Lairg (Strathpeffer) S	62	31	49·4	37·0	42·8	- 5·1	27	14	7	0·83	+ 0·33	9·9	- 29·0	8	- 25
	Stornoway	57	35	49·9	40·4	44·9	- 3·1	27	4	5	0·82	+ 0·29	35·0	- 8·8	29	- 7
	Glencarron S	59	33	49·5	37·8	43·3	- 5·6	27	12	5	1·26	+ 0·26	*	*	*	*
	Fort Augustus S	54	37	49·4	40·1	44·5	- 5·7	25	5	5	0·37	- 0·13	14·4	- 16·5	12	- 14
	Fort William S	59	31	53·6	39·8	46·3	- 4·2	39	6	3	0·11	- 0·79	*	*	*	*
1. SCOTLAND, E.	Nairn	59	34	50·4	37·9	43·8	- 6·0	30	11	7	0·60	+ 0·20	*	*	*	*
	Aberdeen	59	35	50·4	40·4	45·1	- 4·2	28	4	5	1·01	+ 0·55	31·0	- 12·2	27	- 10
	†Balmoral (Crathes) S	55	33	47·0	35·9	41·1	- 6·1	14	22	6	0·79	+ 0·26	21·7	—	19	—
	†Clathick (Balruddery) S	65	28	53·6	36·3	44·4	- 6·7	41	16	4	1·31	+ 0·75	31·1		27	—
	†Leith (Edinburgh) S	64	40	53·9	42·1	47·7	- 3·3	40	0	4	1·12	+ 0·73	20·0	- 17·0	17	- 15
	Marchmont S	60	34	48·9	39·1	43·7	- 5·0	24	8	5	1·19	+ 0·65	19·7	- 21·3	17	- 19
2. ENGLAND, N.E. — Northern part.	†Alnwick Castle (Cockle Park)	60	33	51·8	41·2	46·2	- 3·1	33	2	6	1·15	+ 0·65	23·6	—	21	—
	†Shields (Newcastle)	60	34	51·7	40·7	45·9	- 3·7	33	4	6	0·89	+ 0·52	12·9	- 26·2	11	- 18
	Durham	60	29	51·5	40·9	45·9	- 3·9	32	3	6	0·50	+ 0·06	20·7	- 18·5	18	- 16
	Scarborough M	61	39	52·5	43·5	47·7	- 2·5	40	0	6	0·18	- 0·26	18·3	—	16	—
	York	68	33	55·7	41·8	48·3	- 3·7	45	1	4	0·22	- 0·21	14·6	- 25·8	13	- 23
2. ENGLAND, N.E. — Southern part.	†Spurn Head (Saltburn)	60	42	53·4	45·4	49·2	- 1·7	50	0	3	0·24	- 0·12	28·7	—	25	—
	†Lincoln (Skegness)	70	36	58·7	43·1	50·4	- 2·9	59	0	5	0·21	- 0·22	29·3	—	26	—
	†Fulbeck (Rauceby)	69	35	57·4	43·1	49·8	- 3·9	55	0	6	0·33	- 0·10	31·7	—	28	—
	(Cromer)												33·4	—	30	—
3. ENGLAND, E. — Northern part.	Hillington M	71	40	58·5	43·4	50·5	- 1·8	60	0	6	0·70	+ 0·25	27·9	- 18·2	25	- 16
	†Yarmouth (Lowestoft)	60	45	54·9	46·4	50·4	- 0·9	59	0	4	0·82	+ 0·42	36·8	—	33	—
	Geldeston	69	39	57·9	43·9	50·5	- 1·3	60	0	4	0·52	+ 0·12	39·0	- 10·2	35	- 9
	(Dunmow)												27·4	—	25	—
3. ENGLAND, E. — Southern part.	Cambridge	68	39	58·9	44·1	51·1	- 2·0	64	0	5	0·56	+ 0·13	27·0	- 19·1	24	- 17
	Felixstowe	65	35	57·7	45·0	51·0	- 2·2	63	0	4	0·73	—	42·1	—	38	—
	Clacton-on-Sea	61	39	55·6	46·1	50·6	- 3·0	60	0	4	0·94	—	34·6	—	31	—
	Rothamsted	67	40	58·9	43·5	50·7	- 1·4	61	0	6	0·61	+ 0·15	26·4	- 18·6	24	- 17
	†Shoeburyness (Southend)	65	40	58·9	46·0	52·1	- 1·7	71	0	4	1·26	+ 0·92	33·5	—	30	—
	London, Westminster	67	42	59·0	46·3	52·3	- 2·2	72	0	3	0·77	—	20·5	18·2	19	- 16
4. MIDLAND COUNTIES. — Eastern part.	Harrogate	65	31	53·7	40·7	46·8	- 3·2	39	4	5	0·51	+ 0·04	16·8	—	15	—
	†Bawtry (Worksop)	71	38	58·9	43·6	50·8	- 1·5	62	0	5	0·37	- 0·05	20·5	- 18·2	18	- 16
	Nottingham	69	39	57·0	43·1	49·6	- 2·9	53	0	4	0·57	+ 0·13	22·2	—	20	—
	†Colly Weston (Oundle)	69	37	58·7	42·6	50·2	- 2·6	57	0	4	0·58	+ 0·13	25·8	—	23	—
	Birmingham, Edgbaston	64	40	54·5	42·7	48·3	- 3·2	44	0	5	1·10	+ 0·58	14·7	—	13	—
	Oxford	63	40	57·7	43·9	50·4	- 2·9	59	0	5	1·14	+ 0·70	14·1	- 30·7	13	- 28
4. MIDLAND COUNTIES. — Western part.	†Cheadle (Sheffield) M	65	38	53·4	41·4	47·0	- 3·6	38	2	6	1·66	+ 1·13	21·3	—	19	—
	Shrewsbury	64	40	55·6	42·7	48·8	- 4·1	48	0	6	0·61	—	*	*	*	*
	Hereford M	65	40	56·4	43·8	49·7	- 3·2	54	0	6	0·84	+ 0·37	*	*	*	*
	Cirencester	59	36	55·1	41·0	47·6	- 4·0	43	3	6	1·18	+ 0·70	12·1	- 34·0	11	- 31
	Bath	62	41	58·0	44·4	50·8	- 3·7	62	0	6	0·78	+ 0·32	14·1	—	13	—
	(Margate)												27·0	- 17·5	24	- 16
5. ENGLAND, S.	Kew	69	41	59·7	45·5	52·2	- 1·4	71	0	4	0·73	+ 0·33	25·1	- 21·0	23	- 19
	Wisley, Surrey	66	39	58·8	44·9	51·4	- 2·1	66	0	5	0·85	—	26·5	—	24	—
	†Swarraton (Ventnor) M	64	37	57·7	43·5	50·2	- 1·3	57	0	5	1·10	+ 0·64	25·3	- 25·4	23	- 23
	Tunbridge Wells M	69	41	58·8	44·0	51·0	- 1·5	63	0	6	0·94	+ 0·51	36·0	- 10·8	33	- 10
	†Dungeness (Littlestone)	62	39	55·9	45·0	50·1	- 2·6	57	0	5	1·20	+ 0·92	33·1	—	30	—
	Hastings	64	41	56·5	45·8	50·8	- 2·2	62	0	5	1·62	+ 1·26	30·2	- 14·4	36	- 13
	Southampton	61	42	58·1	46·3	51·9	- 2·7	69	0	5	1·19	+ 0·74	24·0	- 25·8	22	- 24
	†Portland Bill (Worthing)	54	43	52·7	47·1	49·7	- 3·9	54	0	6	1·76	—	34·0	—	31	—
	(Eastbourne)												39·5	- 12·3	36	- 11
6. SCOTLAND, W.	Laudale, Loch Sunart	60	32	54·4	40·6	47·1	- 4·2	42	4	2	0·79	- 0·07	*	*	*	*
	Glasgow	58	39	50·9	41·6	46·0	- 4·8	30	1	5	1·02	+ 0·46	22·7	- 15·1	20	- 13
	Dumfries S	61	37	54·2	42·6	48·1	- 3·3	43	0	5	1·54	+ 0·94	*	*	*	*
	Cally S	56	30	52·4	41·0	46·4	- 4·4	35	3	6	1·69	+ 1·02	*	*	*	*
	Douglas, Isle of Man	57	31	51·2	41·9	46·3	- 4·4	31	0	6	0·95	+ 0·43	13·7	- 37·7	12	- 33
7. ENGLAND, N.W.	Aspatria	67	39	55·6	42·7	48·8	- 2·5	48	0	4	1·16	+ 0·62	14·2	—	13	—
	Newton Rigg	64	37	53·8	41·7	47·4	- 2·5	39	1	4	1·00	+ 0·52	19·3	- 26·7	17	- 23
	Stonyhurst	65	40	52·8	43·5	47·9	- 3·4	41	0	6	1·35	+ 0·72	12·5	- 32·2	11	- 29
	Blackpool M	66	37	54·0	43·7	48·5	- 3·3	46	0	6	1·04	+ 0·57	14·7	- 31·3	13	- 28
	Manchester, Prestwich	67	39	53·6	43·1	48·0	- 3·4	42	0	6	1·10	+ 0·53	12·5	- 31·7	11	- 28
	†Liverpool Obs. (Hoylake)	67	40	55·6	43·6	49·2	- 3·5	50	0	6	0·55	+ 0·11	9·5	—	8	—
	†Hawarden Bridge (Southport)	67	41	56·7	45·0	50·5	- 2·6	60	0	5	0·51	+ 0·16	15·5	—	14	—
7. NORTH WALES	Llandudno M	65	42	54·5	45·4	49·7	- 2·0	54	0	6	0·52	+ 0·09	6·5	- 40·4	6	- 36
	†Holyhead (Aberdovey)	61	39	54·1	44·3	48·9	- 3·1	48	0	6	0·77	+ 0·34	5·2	—	5	—
	Bettws-y-Coed	63	38	55·1	43·0	48·7	- 3·7	47	0	6	1·12	—	6·3	—	6	—
8. SOUTH WALES	Llangammarch Wells	61	37	54·0	42·8	48·1	- 3·5	43	0	6	1·17	—	11·6	—	11	—
	Pembroke	54	41	52·3	44·4	48·1	- 3·6	43	0	5	0·52	+ 0·10	23·3	- 27·7	21	- 25
	†Cardiff (Aberystwyth)	59	36	56·1	44·4	49·9	- 3·8	55	0	6	2·02	+ 1·47	7·0	-	6	—
8. ENGLAND, S.W.	†Clifton (Torquay)	61	41	56·6	44·9	50·4	- 3·8	59	0	6	1·13	+ 0·66	31·9	- 20·5	29	- 19
	†Shaftesbury (Marlborough) M	56	38	53·5	42·8	47·8	- 3·6	41	0	6	2·97	+ 1·60	14·6	- 27·8	13	- 25
	†Arlington (Newquay)	58	39	54·7	42·6	48·3	- 3·1	44	0	6	2·72	+ 2·09	*	*	*	*
	Cullompton M	62	36	58·0	43·8	50·5	- 2·8	60	0	6	1·35	+ 0·88	16·2	- 29·5	15	- 27
	Plymouth	59	43	54·3	46·3	50·1	- 4·1	57	0	6	2·02	+ 1·59	32·9	- 17·3	30	- 16
	Falmouth	58	42	55·7	46·0	50·6	- 2·4	60	0	4	1·72	+ 1·22	39·5	- 13·9	36	- 13
9 IRELAND, N. — Western part.	Malin Head	55	40	51·7	42·3	46·7	- 3·9	33	0	5	0·75	+ 0·28	*	*	*	*
	Edenfel	60	36	56·3	40·9	48·1	- 2·4	47	3	6	0·89	+ 0·31	*	*	*	*
	Blacksod Point	60	42	54·0	44·9	49·2	- 2·6	50	0	6	0·89	+ 0·29	*	*	*	*
	Markree Castle	61	32	55·8	40·9	47·9	- 2·8	46	3	5	0·77	+ 0·17	9·1	- 33·4	8	- 29
9 IRELAND, N. — Eastern part.	Armagh	58	37	54·6	41·9	47·9	- 3·4	42	0	7	0·88	+ 0·36	13·1	- 28·9	12	- 25
	Donaghadee	59	41	53·0	43·1	47·8	- 3·4	41	0	6	0·75	+ 0·25	*	*	*	*
10. IRELAND, S. — Eastern part.	†Dublin, City (Phœnix Park)	59	42	54·8	44·9	49·6	- 3·6	53	0	5	0·89	+ 0·45	12·7	- 35·3	11	- 31
	Kilkenny	64	37	55·3	42·0	48·3	- 4·0	44	0	5	1·26	+ 0·79	*	*	*	*
	Waterford	60	35	56·7	42·6	49·2	- 3·1	50	0	5	1·68	+ 1·18	*	*	*	*
10. IRELAND, S. — Western part.	Birr Castle	63	39	55·3	43·0	48·8	- 3·4	48	0	5	0·79	+ 0·29	12·1	- 30·1	11	- 27
	Foynes	59	42	52·9	46·2	49·4	- 3·1	52	0	6	1·18	+ 0·67	*	*	*	*
	Killarney	61	45	57·3	46·4	51·5	- 1·2	67	0	6	1·08	+ 0·42	*	*	*	*
	Valencia	56	45	54·4	46·7	50·3	- 2·6	58	0	6	1·38	+ 0·69	16·9	- 30·7	15	- 28
	†Roches Point (Ballinacurra)	57	44	54·6	46·6	50·4	- 2·9	59	0	5	1·38	+ 0·78	15·0	—	14	—
11. ENGLISH CHANNEL	Scilly, St. Mary's	57	46	54·3	48·0	51·0	- 2·4	63	0	5	0·89	+ 0·53	31·3	- 23·5	29	- 22
	†Jersey, St. Aubins (St. Heliers)	62	44	57·6	48·0	52·5	- 2·0	74	0	7	1·23	+ 0·80	35·6	- 21·3	33	- 20
	Guernsey	58	44	55·8	47·1	51·2	- 2·4	64	0	6	1·38	+ 0·96	33·4	- 25·5	31	- 23

Information for Stations marked M is supplied by the Royal Meteorological Society, and that for Stations marked S is supplied by the Scottish Meteorological Society.
* An Asterisk is inserted in all places for which the information is not usually given.
† There is no Sunshine Recorder in use at this Station. The figures entered for Sunshine are those recorded at a Station in the same district of which the name is given in brackets.

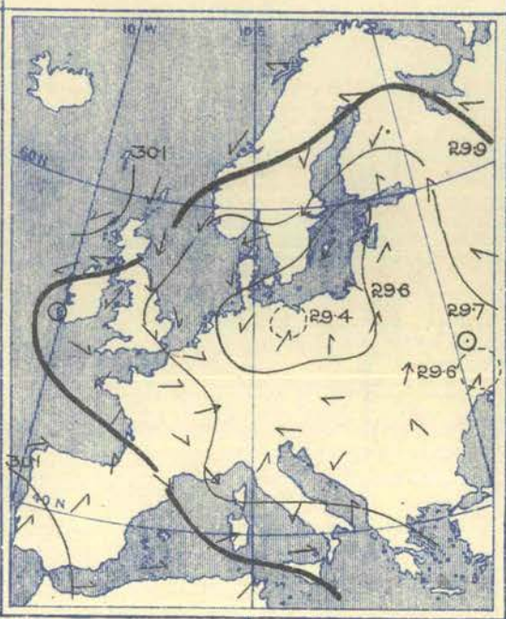
Additional Sunshine Totals for the week: Ramsgate, 27·2 hrs., 25 %; Brighton, 34·7 hrs. (- 16·0), 32 % (- 15 %); Bournemouth, 24·2 hrs., 22 %; Bognor, 32·0 hrs., 29 %; Rhyl, 13·0 hrs., 12 %; Tenby, hrs. ( ) % (%).

Sunday, 20th May, 1906.

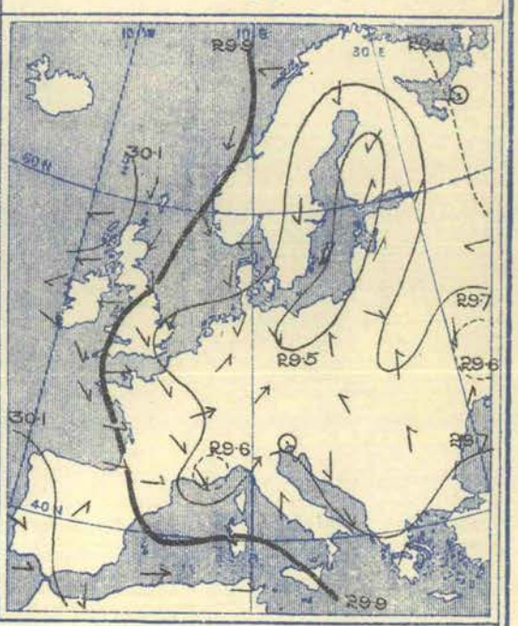
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine and bright at many stations in central and southern Europe; dull and unsettled over our area as a whole, with rain in the east of England and north-east of Ireland, as well as at Belfort, Munich, and Cagliari, and in various Danish and Scandinavian localities. About half an inch of rain falling later over the south-east of England and at Oxford and more than an inch in many Continental regions. Largest amounts 1·4 in. at Dunkirk and Kuopio, and 1·6 in. at Archangel.

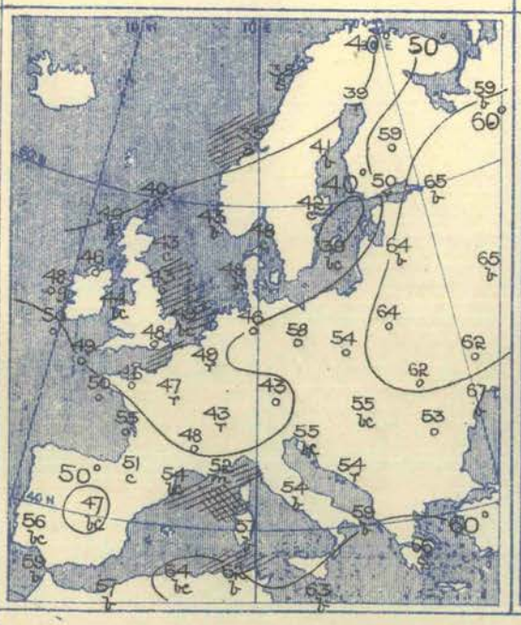
TEMPERATURE fallen very quickly over the Baltic and Russia and several degrees at some southern stations; changed little and rather irregularly elsewhere. Readings in morning 69° at Memel, 68° at St. Petersburg, and a little above 60° on some shores of the Mediterranean. Below 40° in the extreme north of Europe and as low as 35° at Archangel and Ulcaborg. Below 50° in nearly all parts of the United Kingdom and France. Rising during day to 82° at St. Petersburg and Sfax and to about 70° at some stations in central Europe. Maxima below 50° at many of our own stations and only 48° at Munich.

WIND at 8 a.m. showing a very extensive but somewhat irregular cyclonic circulation around the central countries; of little force generally, but North-Easterly current blowing freshly or strongly on some of our northern coasts and that from the Westward fresh at some of the Mediterranean ports. Increasing in strength in the Netherlands and south-east of England by evening and also on the coast of Corsica.

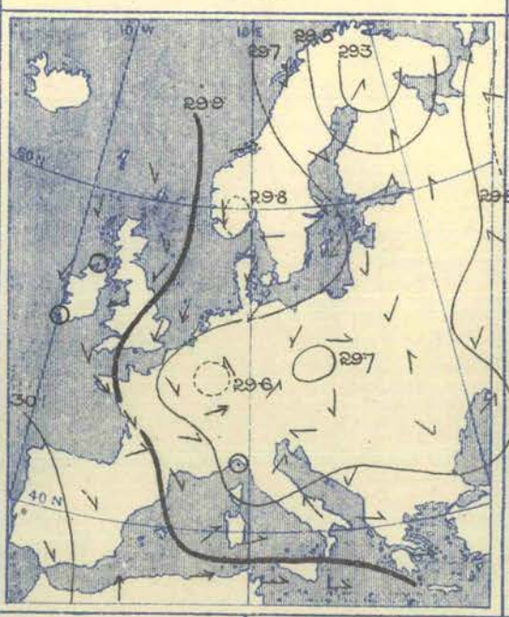
BAROMETER in morning ranging from above 30·1 ins. in the south-west of the Spanish Peninsula and off the north-west of Scotland to 29·4 ins. and less in a large complex depression having its minimum over Germany. Latter system becoming much modified in form during day, and existing as a long narrow band of low pressure stretching from Berlin to the north of Finland at 6 p.m. A separate minimum forming over the Gulf of Genoa. Pressure increasing slowly over our Islands.

Monday, 21st May, 1906.

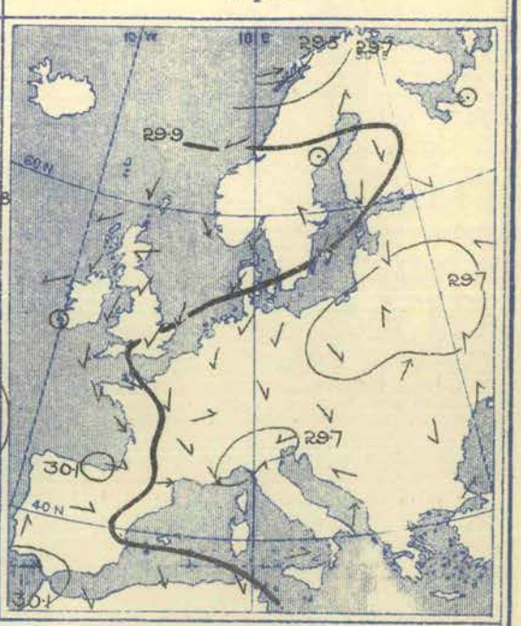
Temperature and Weather 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. cloudy or overcast in most regions, but fine and bright in Algeria and the Spanish Peninsula, and at a few isolated stations elsewhere. Snow falling in the north of Norway, rain in the Hebrides, Belgium, and the north and east of France, and also over the Gulf of Finland, and at Vienna, Lesina, and Florence. Two or three tenths of an inch of rain falling in Scotland later and heavier amounts in various Continental localities.

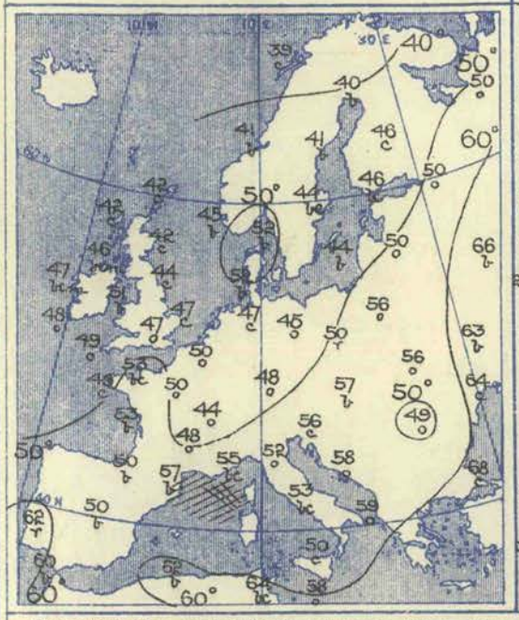
TEMPERATURE fallen over the Baltic region and in most parts of central Europe. Readings in morning 66° at Athens, 65° at St. Petersburg and Moscow, and 64° at Warsaw and Algiers. As low as 35° along the west coast of Norway, 40° in the Shetlands and Hebrides, and below 50° in almost all parts of this country and France. Rising to 81° later at Constantinople, 79° at St. Petersburg, and to above 70° in various southern localities. Maxima again below 50° at many of our own stations.

WIND at 8 a.m. between North-East and North-West over all the north-western countries, and fresh or rather strong in places. Mainly from the westward and of little force over the Mediterranean, and light and variable over the central countries. A partial cyclonic circulation prevailing over the extreme north of our area. Not much change later except a decrease in force over our Islands and an increase at Brindisi and on the Corsican coast.

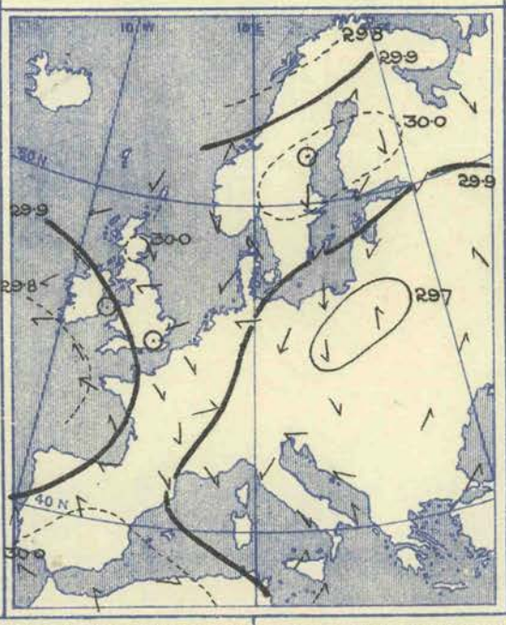
BAROMETER in morning above 30·1 ins. over the west of the Spanish Peninsula and above 30·0 ins. in the north-west of this country. Several low pressure areas shown on the Continent, the deepest being in the extreme north—below 29·3 ins. Latter disturbance travelling away quickly during day and disappearing from our area. Considerable modification of the isobars occurring over the Continent generally, and readings becoming higher in most places. Another depression approaching the north-west of Norway.

Tuesday, 22nd May, 1906.

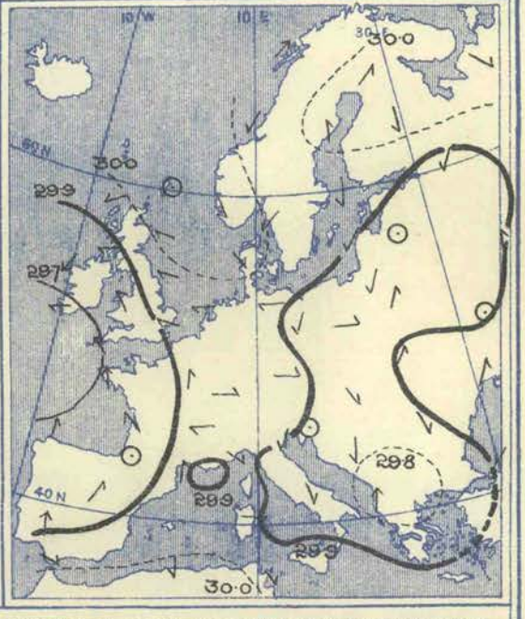
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine and bright over Algeria and at many stations both in southern and northern Europe; generally cloudy or overcast in the intervening regions, with rain in several central localities, as well as at Helsingfors, Oporto, and Pesaro. Nearly half an inch of rain experienced latter at Roche's Point and smaller amounts in various other parts of the United Kingdom. Sporadic falls on the Continent; 1·4 in. at Breslau, 0·5 in. at Neu-Fahrwasser, 0·6 in. at Lesina, and 0·4 in. at Lisbon.

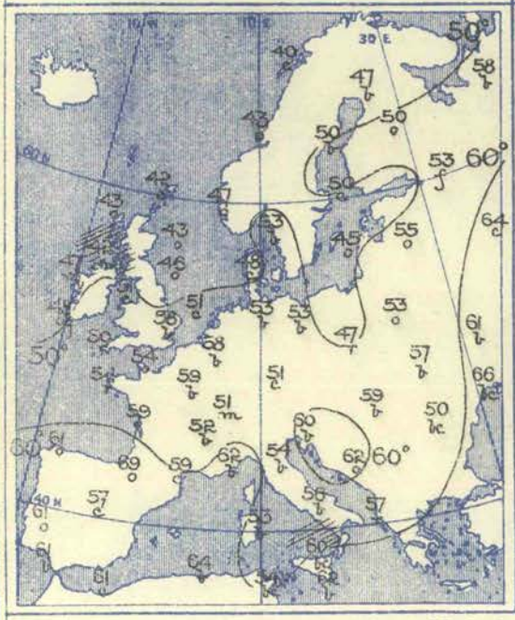
TEMPERATURE changed little and irregularly generally, but fallen decidedly over the northern half of Russia. Readings at 8 a.m. 68° at Constantinople and above 60° over central and southern Russia; below that point in almost all other regions, and below 50° over the north-west of our area. Lowest value 39° at Bodö. Continuing below 50° all day at some of our own northern and north-western stations, and below 60° over these Islands generally. Maxima about 70° in many southern and central regions, and several degrees above it in places.

WIND in morning Southerly or South-Easterly over the Bay of Biscay and the south-west of England, and mainly Easterly over this country as a whole. An extensive, but irregular, cyclonic movement prevailing over the southern half of the Continent, and a strong South-Westerly breeze in the extreme north-west of Norway. South-Easterly and Easterly winds increasing in force over our southern and south-western districts; little change elsewhere.

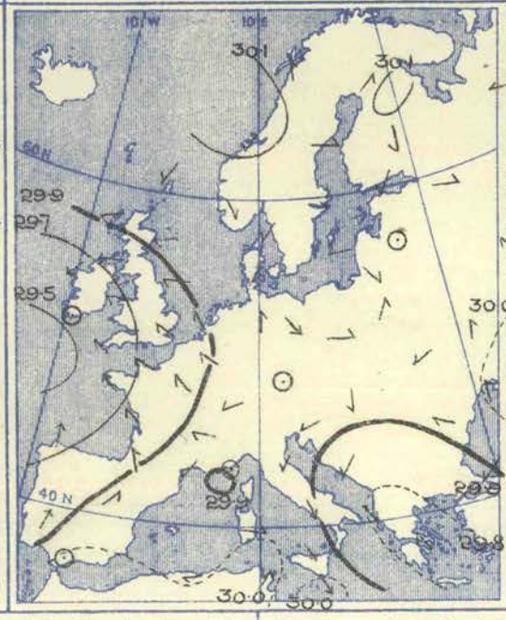
BAROMETER at 8 a.m. ranging from above 30·0 ins. over the far south-west of our area and also in a narrow band extending from Karlstad across Finland, to less than 29·8 ins. in a depression off our south-west coasts, and to below 29·7 ins. in a large depression having its minimum over Poland. A fresh high pressure system commencing to form during day over the North Sea, but south-western depression extending steadily over our Islands, and barometer becoming lowest off our south-west coasts.

Wednesday, 23rd May, 1906.

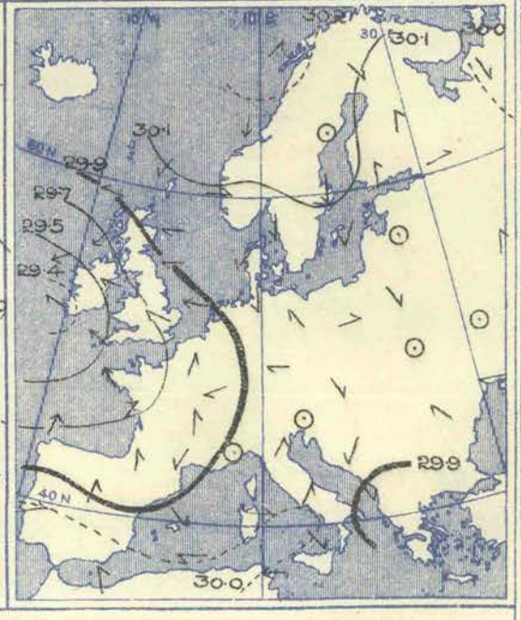
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine in the extreme south-east of England and the adjacent portion of the Continent, dull over our Islands generally, with rain in the south-west and west. Fine in most Continental regions, but rain falling in Brittany, as well as at Brindisi, Breslau, and Hangö. Rain later in all parts of the United Kingdom and the north and north-west of France, and thunderstorms at Cherbourg, Jersey, and Portland Bill. Rain also experienced in central Russia.

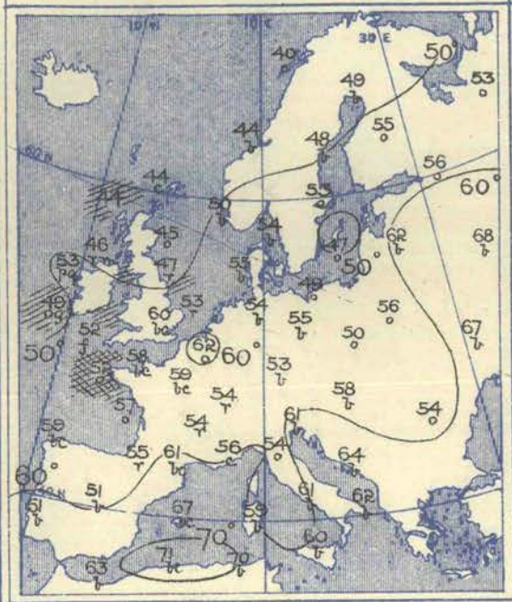
TEMPERATURE risen over England and France and in several other parts of our area. Readings in morning ranging from 65° at Constantinople, 60° at Sfax, and 64° at Moscow to below 50° over the northern and north-western districts of the United Kingdom and in various parts of Scandinavia. Lowest values 42° at Sumburgh Head and 40° at Bodö. Maxima during day above 70° at most stations in the extreme south and in a few central localities, and about 65° at a few places in England. Thermometer not touching 50° in the north-east of Great Britain, but rising to 68° at Haparanda.

WIND in morning moderate to fresh or strong from between South-East and East over our Islands and France, and from South or South-West in the Spanish Peninsula. Light and variable generally elsewhere, but fresh from North-West in Sicily and Malta. Not much change later; direction becoming more Easterly in England.

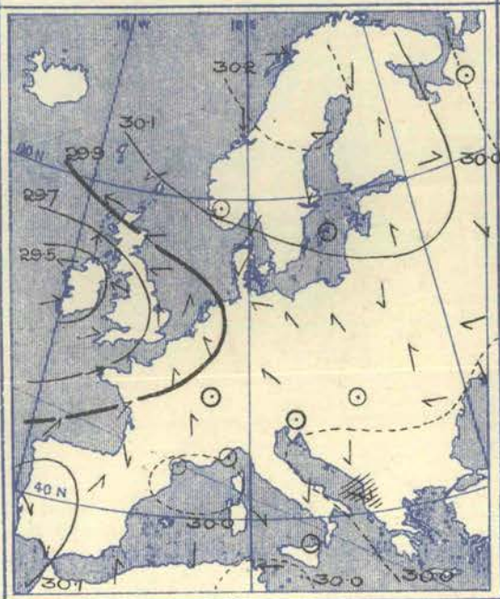
BAROMETER in morning above 30·1 ins. off the north-west of Norway and above 30·0 ins. in a large area extending thence to the north of Italy. Below 29·5 ins. in a depression of considerable size and energy centred off our own south-west coasts. Latter system moving slowly northwards during day, and at the same time extending more over our Islands. Pressure increasing rather decidedly over the Spanish Peninsula, and slowly over Russia; falling somewhat over the northern portion of Norway.

Thursday, 24th May, 1906.

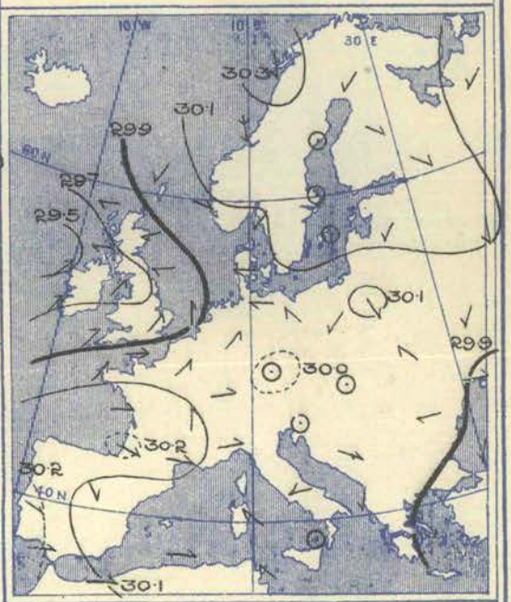
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8.0 a.m. fine and bright in nearly all the Mediterranean regions, and in most parts of central and northern Europe. Very unsettled over this country and France, with steady rain or passing showers in many places. Thunderstorms occurring later at Harrogate and Aberdeen, and thunder alone at Perpignan. Rain falling at most stations in our Islands, as much as 0·72 in. at Aberdeen, and also in various Continental districts, as much as 0·5 in. at Florence.

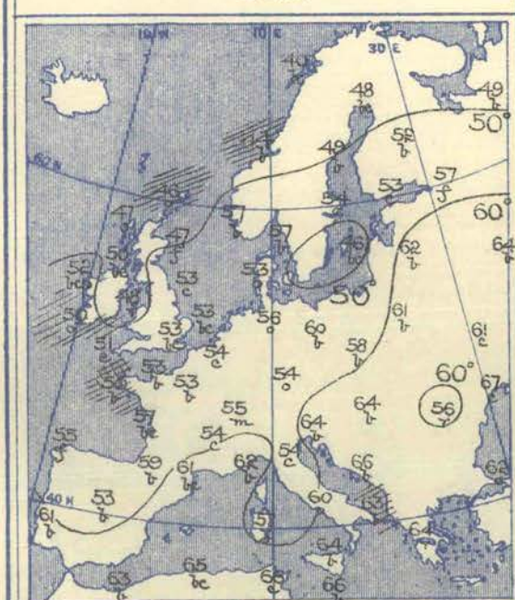
TEMPERATURE risen a little in most districts, but fallen in the south and south-west of France, and at Madrid. Readings at 8.0 a.m. 71° at Algiers, 68° at Moscow, and 67° at Kiev. As low as 40° at Bodö, and not much above it in the north of our Islands. Rising to nearly 70° during day in central and north-western England, just touching 70° at St. Petersburg, and rather exceeding it in the southern and central countries of Europe. Highest maximum 81° at Tunis.

WIND at 8.0 a.m. moderate to fresh or strong from the South-Westward in the west of France and from the South-Eastward or Eastward over the United Kingdom. Light variable airs prevailing over the Mediterranean and light anticyclonic winds over the north and east of our area. Wind veering to the South-Westward in Ireland and the south of England by evening. A Northerly gale reported at Christiansund, but no great change on the Continent generally.

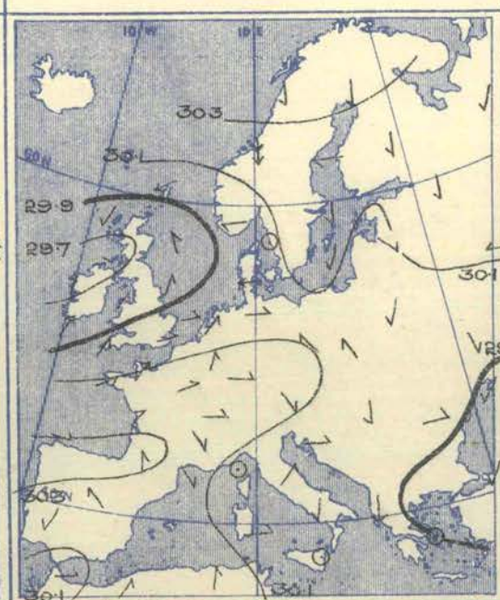
BAROMETER in morning ranging from above 30·2 ins. over the northern half of Russia to below 30·0 ins. in a depression over the Gulf of Lions and its vicinity, and to less than 29·5 ins. in a depression of considerable importance over Ireland and the neighbouring portion of the Atlantic. Latter system travelling northwards later, and pressure increasing briskly over the Bay of Biscay and our south-western districts.

Friday, 25th May, 1906.

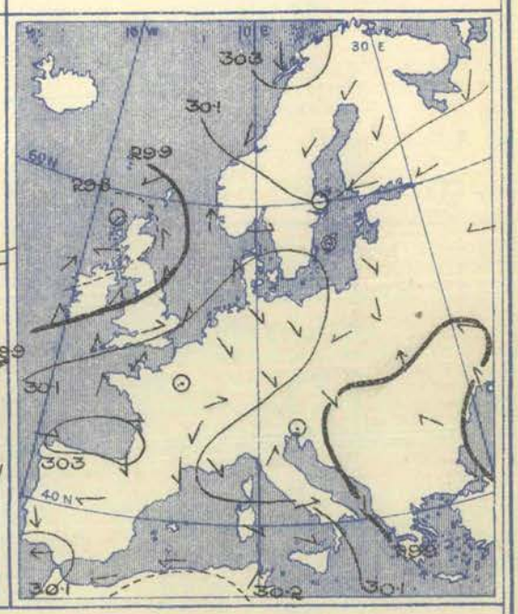
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fair or fine in most Continental regions and in the south-east and south of England; cloudy or overcast as a whole over the United Kingdom, with showers at several western stations, and fog at Aberdeen. Rain later over the greater part of our Islands, and at many of the Scandinavian and German Stations.

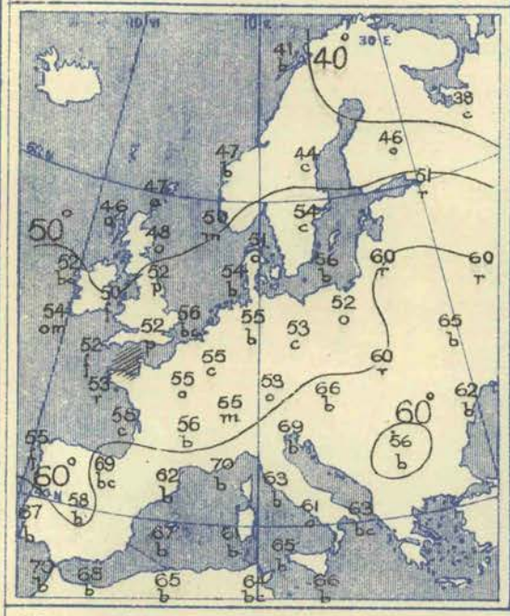
TEMPERATURE fallen in most parts of France and England, risen or changed irregularly elsewhere. Readings in morning decreasing from about 65° at many stations in the extreme south and over central and southern Russia to below 50° over the north of our Islands and the north of the Continent. Lowest value 40° at Bodö. Rising subsequently to 64° at Leith, and to 60° or 61° at several Stations in the east of England. Higher values recorded over central and southern Europe, the thermometer rising to above 70° in many parts of France, Germany and Italy.

WIND at 8 a.m. circulating cyclonically over these Islands and their neighbourhood, the South-Westerly current blowing freshly or strongly on our west and south-west coasts. Light or moderate breezes from no general direction over Europe as a whole, but a Northerly gale reported from Christiansund. No material change later.

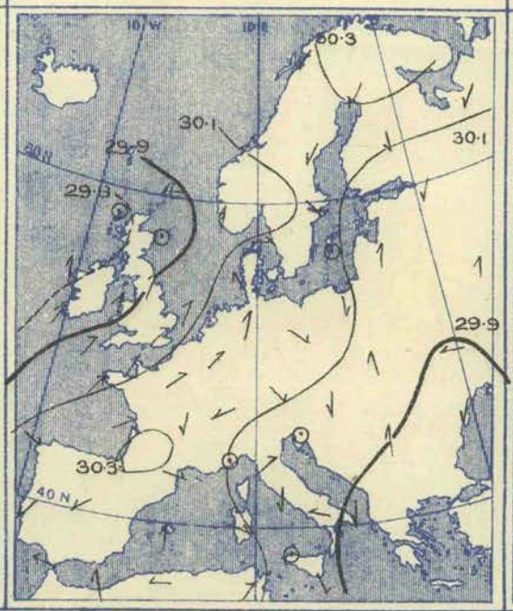
BAROMETER in morning ranging from above 30·3 ins. both in the extreme north of Scandinavia and over the north of Spain to below 29·9 ins. over the south-east of our area, and to less than 29·7 ins. in a depression off the north of Ireland and the west of Scotland. Disturbance filling up later, and barometer rising over our area generally.

Saturday, 26th May, 1906.

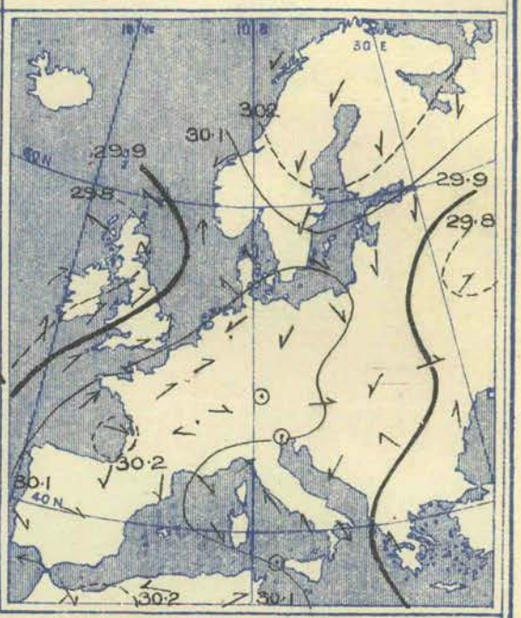
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. very cloudy or overcast over nearly the whole of the British Isles, northern France, southern Norway, and the greater part of Russia, with rain falling in many localities, and much mist or fog on our western coasts, at Wick, Skudesnaes and Corunna; very fine in most other regions. During the day the same general features maintained, the rainfall exceeding 0·5 in. only at a few of the foreign stations, 0·8 in. at Dunkirk and Charkow, and 0·9 in. at Trieste.

TEMPERATURE in the early morning hours had not been as low as 40° except in the extreme north of Europe, and by 7 a.m. or 8 a.m. the readings were nearly everywhere above 50°, exceeding 60° generally over southern and south-eastern Europe, touching 70° at Nice and San Fernando. In the course of the afternoon the thermometer rose to 80° and upwards at some stations in the more southern regions of our area, 95° at Laghouat, 88° at Biskra, 84° at Bilbao and Madrid, and 83° at Perpignan. Some parts of the British Isles and northern Europe had maxima above 60°, Birr Castle, Oxford, and St. Petersburg, 63°, Stockholm 64, and Skagen 68.

WIND in morning from between South and West over these Islands and the neighbouring parts of the Continent, from the Bay of Biscay to southern Norway, the direction elsewhere being very variable. In most localities the force was light or moderate, but a strong breeze reported at Portland Bill, Christiansund, San Fernando, and Brindisi. Very little change occurring later, the force decreasing at Portland Bill and Christiansund, and increasing to a strong breeze at Dungeness and Skudesnaes.

BAROMETER at 8 a.m. exceeded 30·3 ins. in the central space of an anticyclone situated over Lapland, and above 30·2 ins. in another extending from Spain to North Germany. It was below 29·8 ins. in a depression outside our north-western coasts, and below 29·9 ins. in one covering south-eastern Europe. The main features in the distribution of pressure underwent very little modification during the day, the high and low areas remaining practically stationary, but with slightly lower barometer readings.

IV.—TEMPERATURE on the Grass, and in the Ground.

	STATION.	Grass Min.		Mean Earth Temp.	
		No. of Obs. of 30° or less.	Lowest reading.	At 1 foot.	At 4 feet.
			°	°	°
2.	York	—	—	49·3	47·8
	Hull	0	38	50·0	48·1
3.	Cambridge	0	32	—	—
	Dunmow	0	36	—	—
4.	Harrogate	1	27	46·9	46·4
	Sheffield	0	37	47·7	45·8
	Birmingham	0	37	46·5	46·0
	Nottingham	0	36	50·1	47·9
5.	Kew	1	28	51·6	49·8
	Canterbury	0	35	52·5	51·0
	Portsmouth	0	39	53·8	52·0
6.	Glasgow	1	25	—	—
7.	Newton Rigg	0	31	48·8	46·8
	Bettws-y-Coed	0	37	48·9	48·0
	Manchester (Oldham Road)	0	37	49·1	48·3
8.	Llangammarch Wells	—	—	49·6	47·9
	Bath	—	—	53·0	51·7
	Plymouth	0	33	54·5	—
9.	Armagh	—	—	—	—
	Markree	—	—	—	—
10.	Dublin, Trin. Coll.	0	37	50·7	49·3
11.	Guernsey, Brooklyn	0	41	54·1	52·0

V.—OBSERVATIONS IN THE UPPER AIR.—Temperature, Humidity and Wind Velocity.

Date of Observation.	Station and its Height above M.S.L.		Heights in feet above Mean Sea Level. Ground Level.	1,660.	3,320.	5,000.	6,660.	8,320.	10,000.	Remarks.
1906.										
May 23rd. 11.0 a.m. to 12.30 p.m.	Brighton, 380 ft.	Temperature F.	68°	56°						
		Humidity	80	70						
		Wind Velocity, m. per hr.	SSE	SSE, 20						
May 24th, 10.10 a.m. to 11.40 a.m.	Oxshott, 200 ft.	Temperature F.	65°	49°	44°	38°				One kite. Wire 7,000 ft. Max. height 5,400 ft. Temp. 37°. Clouds at various heights above 3,000 ft.
		Humidity	70	95	100	100				
		Wind Velocity, m. per hr.	S by E, 10	S, 28	S, 32	S by E, 40				
May 25th, 10.40 a.m. to 11.30 a.m.	Oxshott, 200 ft.	Temperature F.	59°							One kite. Wire 5,200 ft. Max. height 3,700 ft. A very rapid fall of temp., from 59° to 46°, occurred during the ascent in connection with squall, during which the wire broke. Lowest temp. 37° at 3,700 ft. The breakage occurred with a wind velocity of 55 miles per hour.
		Humidity	80							
		Wind Velocity, m. per hr.	SW, 12	SW, 25	SW, 25					
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								

63, Victoria Street, London, S.W.
May 30th, 1906.

W. N. SHAW,
Director.

ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE,

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TWENTY-NINTH YEAR. *Vol. XXIII. (New Series.)* No. 22. TWENTY-SECOND WEEK, ENDING SATURDAY, JUNE 2ND, 1906. [*Price 6d.* *Annual Subscription post paid* £1 10*s.* 0*d.*

I.—GENERAL REMARKS.

Weather during this week was unsettled in all parts of the Kingdom. Rain fell on nearly every day at several of the western and north-western stations, and on some occasions the fall was general over the whole Kingdom. A thunderstorm was experienced on Sunday at Lairg and in many parts of England and Scotland later in the week, chiefly on Friday or Saturday. In some places the storms were accompanied by heavy hail showers. During the earlier half of the week much fog was experienced on the west and south-west coasts of Great Britain.

Temperature was more than 3° above the average in England N.E. and rather above it in most other districts; in Scotland N., Ireland N., England S.W. and the Channel Islands, however, it was a little below it. The highest of the maxima were recorded, as a rule, either on Monday or Tuesday, and ranged from 74° in England E., and 73° in Scotland E. to 66° in Scotland N., and to 62° in the Channel Islands. The lowest of the minima, recorded late in the week, ranged from 35° in Scotland E. and 39° in Scotland N. to 40° in England S. and Ireland S. and to 48° in the Channel Islands.

Rainfall exceeded the average in Scotland and in Ireland N., but was less in England and the south of Ireland.

Bright Sunshine was deficient in all districts except England N.E. The percentage of the possible duration varied from 35 in the region just mentioned to 20 in Ireland, and to 14 in Scotland N.

Barometer and Wind.—During the early days of the period the distribution of pressure was of a South-Westerly type, on Wednesday and Thursday Westerly, and on Friday and Saturday North-Westerly to Northerly. Neither the high nor low pressure areas were of much intensity and the winds were consequently of little strength. The North-Westerly to Northerly current at the end of the week, however, blew freshly in many parts of the Kingdom, and with the force of a strong or very strong breeze on the western and north-western coasts.

SUMMARY OF TEMPERATURE, RAINFALL, AND DURATION OF BRIGHT SUNSHINE IN THE UNITED KINGDOM, FOR AGRICULTURAL AND SANITARY PURPOSES.

THE WEEK (22nd)—May 20th to June 2nd, 1906.

DISTRICTS. (See p. 128.)	Temperature. Highest.	Lowest.	Means of Daily Max.	Daily Min.	Daily Mean.	Difference from Av. (35 Yrs.)	Accumulated. Number of Day-Degrees. Above 42°	Difference from Av. (25 Yrs.)	Below 42°	Difference from Av. (25 Yrs.)	Rainfall. Number of Rain-Days.	Diff. from Av. (35 Yrs.)	Total Fall.	Difference from Average (35 Yrs.)	Sunshine. Hours recorded.	Diff. from Av. (25 Yrs.)	Percentage of Possible Duration	Diff. from Av. (25 Yrs.)
	°	°	°	°	°	°	Day-deg.	Day-deg.	Day-deg	Day-deg.			Inches.	Inches.			%	%
0. SCOTLAND, NORTH ..	66	39	54·5	43·9	48·9	− 0·9	48	− 8	0	− 4	5	+ 1	0·84	+0·23	17	− 21	14	−17
1. SCOTLAND, EAST ..	73	35	59·3	45·5	52·0	+ 1·1	70	+ 8	0	− 3	5	+ 2	0·68	+0·19	33	− 6	28	− 5
2. ENGLAND, N.E. ..	70	42	62·6	49·9	55·9	+ 3·3	97	+ 31	0	− 1	4	+ 1	0·29	−0·14	40	+ 4	35	+ 3
Eastern 3. ENGLAND, EAST ..	74	41	64·3	50·0	56·7	+ 2·3	103	+ 22	0	− 2	4	+ 1	0·34	−0·09	39	− 9	34	− 8
4. MIDLAND COUNTIES	71	42	62·5	49·4	55·5	+ 1·7	95	+ 17	0	− 2	4	+ 1	0·37	−0·12	36	− 7	32	− 6
5. ENGLAND, SOUTH ..	72	40	61·2	49·2	54·8	+ 0·3	90	+ 4	0	− 1	4	+ 1	0·30	−0·12	37	− 9	33	− 8
6. SCOTLAND, WEST ..	71	41	59·6	47·3	53·1	+ 0·7	78	+ 12	0	− 1	5	+ 2	0·96	+0·30	34	− 11	29	− 9
7. ENGLAND, N.W. ..	66	42	59·0	49·6	54·0	+ 0·7	84	+ 10	0	− 1	5	+ 2	0·59	+0·09	31	− 14	27	−12
Western 8. ENGLAND, S.W. ..	69	41	58·5	49·1	53·5	− 0·6	81	− 1	0	0	4	+ 1	0·48	−0·04	31	− 19	28	−17
9. IRELAND, NORTH ..	68	42	57·3	48·1	52·4	+0·01	73	− 1	0	− 1	6	+ 2	0·88	+0·32	18	− 23	16	−20
10. IRELAND, SOUTH ..	69	40	59·3	49·8	54·3	+ 0·3	86	+ 4	0	− 1	5	+ 2	0·50	−0·09	24	− 26	21	−23
11. CHANNEL ISLANDS..	62	48	58·3	51·1	54·5	− 0·5	88	− 1	0	0	3	0	0·14	−0·29	29	− 27	27	−25

THE SEASON (**Spring**).—Aggregates, &c., for the Period of 13 Weeks, March 4th to June 2nd, 1906.

0. SCOTLAND NORTH ..	71	8	*	*	*	*	284	− 84	305	+ 72	66	+13	11·82	+2·14	364	− 40	28	− 3
1. SCOTLAND, EAST ..	73	11	*	*	*	*	394	− 46	294	+ 57	57	+12	9·05	+2·79	441	+ 13	34	+ 1
2. ENGLAND, N.E. ..	72	18	*	*	*	*	511	+ 58	203	+ 25	50	+ 7	5·19	−0·02	484	+ 13	38	+ 1
Eastern 3. ENGLAND, EAST ..	75	24	*	*	*	*	577	− 5	164	− 26	41	0	3·92	−0·98	518	+ 33	41	+ 3
4. MIDLAND COUNTIES	75	18	*	*	*	*	594	+ 4	210	+ 14	45	+ 4	4·33	−1·32	446	+ 4	35	0
5. ENGLAND, SOUTH ..	77	22	*	*	*	*	581	− 47	150	+ 22	42	+ 3	4·67	−0·65	531	+ 32	42	+ 3
6. SCOTLAND, WEST ..	73	18	*	*	*	*	456	− 15	185	+ 21	51	+ 5	10·64	+1·43	433	− 26	34	− 2
7. ENGLAND, N.W. ..	71	16	*	*	*	*	479	− 47	172	+ 34	49	+ 6	7·75	+1·49	434	− 6	34	− 1
Western 8. ENGLAND, S.W. ..	74	19	*	*	*	*	544	− 48	147	+ 47	47	+ 6	7·70	+0·42	518	+ 46	41	+ 4
9. IRELAND, NORTH ..	68	20	*	*	*	*	429	−100	149	+ 19	64	+12	8·82	+1·57	391	− 44	31	− 3
10. IRELAND, SOUTH ..	71	25	*	*	*	*	564	− 60	102	+ 6	52	+ 6	7·23	−0·80	464	− 31	37	− 3
11. CHANNEL ISLANDS..	75	31	*	*	*	*	602	− 90	36	+ 4	46	+ 2	5·02	−1·24	574	− 5	46	0

THE YEAR.—Aggregates, &c., for the period of 22 Weeks, December 31st, 1905, to June 2nd, 1906.

0. SCOTLAND, NORTH ..	71	8	*	*	*	*	302	−132	646	+ 91	118	+23	24·90	+5·53	469	− 28	26	− 2
1. SCOTLAND, EAST ..	73	11	*	*	*	*	431	− 90	624	+ 22	93	+14	14·04	+2·66	605	+ 48	33	+ 3
2. ENGLAND, N.E. ..	72	18	*		*	*	567	+ 30	464	− 21	87	+13	9·27	+0·44	641	+ 32	35	+ 2
Eastern 3. ENGLAND, EAST ..	75	23	*	*	*	*	655	− 22	413	−118	82	+ 9	9·52	+1·13	675	+ 59	37	+ 3
4. MIDLAND COUNTIES	75	18	*	*	*	*	673	− 25	486	− 55	85	+12	10·24	+0·30	588	+ 30	32	+ 2
5. ENGLAND, SOUTH ..	77	20	*	*	*	*	714	− 34	351	− 39	87	+14	12·13	+2·16	708	+ 70	39	+ 4
6. SCOTLAND, WEST ..	73	14	*	*	*	*	518	− 47	419	− 1	96	+11	21·53	+3·23	575	+ 12	32	+ 1
7. ENGLAND, N.W. ..	71	16	*	*	*	*	556	− 72	379	− 13	92	+14	16·31	+4·57	564	+ 13	31	+ 1
Western 8. ENGLAND, S.W. ..	74	19	*	*	*	*	696	− 51	327	+ 31	94	+17	19·28	+4·95	679	+ 73	37	+ 4
9. IRELAND, NORTH ..	68	20	*	*	*	*	527	−129	355	+ 1	119	+25	17·49	+3·88	540	− 13	30	− 1
10. IRELAND, SOUTH ..	71	24	*	*	*	*	752	− 61	264	0	104	+18	16·00	−0·04	615	− 24	34	− 1
11. CHANNEL ISLANDS..	75	27	*	*	*	*	842	− 77	79	− 35	100	+16	13·65	+1·05	758	+ 14	41	+ 1

Bright Sunshine.—For certain of the Districts the values of Bright Sunshine in this Table are based on the records from a part only of the Stations included in the Tables under II. and IV. For certain of the Stations Mean Values are not available, and for the Districts containing these Stations the "Difference from Average" is based on the records from a smaller number of Stations than those supplying the values for "Hours Recorded."

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II.—DATA from which the SUMMARY on page 127 has been calculated.

May 27-June 2, 1906.

Districts.	Names of Stations.	Temperature. In Degrees Fahrenheit.								Rainfall.			Bright Sunshine.			
		Highest observed.	Lowest observed.	Averages for the Week. Of Highest each day.	Of Lowest each day.	For whole of each day.	Difference of Daily Average from Mean for the Week.	Accumulated Heat for the Week (in Day-degrees). Above 42°	Below 42°	Number of Rain-Days.	Rainfall in the Week.	Difference from the Mean for the Week.	Number of Hours recorded.	Difference from the Mean for the Week.	Percentage of possible duration.	Difference from the Mean for the Week.
		°	°	°	°	°	°	Day-deg	Day-deg		Inches.	Inches.	Hrs.	Hrs.	%	%
0. SCOTLAND, N.	†Sumburgh Head (Deerness)	54	42	49·7	43·1	46·2	- 0·8	29	0	3	0·32	- 0·11	6·6	- 31·5	5	- 26
	Wick	56	39	52·0	43·1	47·3	- 1·9	37	0	5	0·72	+ 0·30	*	*	*	*
	†Lairg (Strathpeffer)	61	40	58·7	43·1	50·4	+ 1·1	59	0	7	0·61	+ 0·10	*	*	*	*
	Stornoway	57	43	54·4	44·9	49·4	0·0	52	0	5	0·65	+ 0·12	24·6	- 19·0	20	- 16
	Glencarron	58	41	53·1	43·9	48·2	- 2·1	43	0	6	1·05	+ 0·08	*	*	*	*
	Fort Augustus	66	41	56·7	44·8	50·4	- 1·1	59	0	5	0·57	+ 0·08	19·2	- 11·9	16	- 10
	Fort William	63	41	56·9	44·7	50·4	- 1·4	59	0	6	1·93	+ 1·01	*	*	*	*
1. SCOTLAND, E.	Nairn	61	35	58·0	42·0	49·5	- 1·6	53	0	4	0·38	- 0·02	*	*	*	*
	Aberdeen	63	43	57·9	46·0	51·6	+ 1·0	67	0	6	0·61	+ 0·15	27·3	- 16·1	23	- 13
	†Balmoral (Crathes)	62	39	56·4	43·6	49·6	+ 0·9	53	0	5	0·23	- 0·31	27·4	—	23	—
	†Clathick (Bairuddery)	69	42	62·4	47·3	54·4	+ 1·9	87	0	4	0·86	+ 0·27	33·1	—	28	—
	†Leith (Edinburgh)	73	45	62·0	48·0	54·6	+ 2·2	88	0	6	0·89	+ 0·49	34·9	- 1·5	30	- 1
	Marchmont	66	41	59·3	45·9	52·2	+ 2·1	71	0	5	1·11	+ 0·57	40·8	- 0·6	35	- 1
2. ENGLAND, N.E. Northern part.	†Alnwick Castle (Cockle Park)	64	45	61·2	48·9	54·7	+ 4·1	89	0	5	0·50	0·00	17·9	—	15	—
	†Shields (Newcastle)	67	45	62·1	49·0	55·2	+ 4·2	92	0	4	0·44	+ 0·04	35·8	+ 2·7	31	+ 2
	Durham	67	43	62·8	48·3	55·1	+ 3·5	92	0	4	0·34	- 0·10	43·7	+ 4·2	38	+ 4
	Scarborough	69	46	64·0	50·0	56·6	+ 5·1	102	0	3	0·04	- 0·40	47·5	—	41	—
	York	66	45	63·0	51·6	57·0	+ 3·4	105	0	4	0·37	- 0·07				
Southern part.	†Spurn Head (Saltburn)	67	47	60·1	51·3	55·4	+ 3·0	94	0	4	0·11	- 0·24	*	*	*	*
	†Lincoln (Skegness)	70	44	65·0	50·3	57·2	+ 2·3	106	0	3	0·25	- 0·20	47·8	—	42	—
	†Fulbeck (Rauceby)	69	42	62·9	50·0	56·1	+ 0·9	99	0	3	0·26	- 0·17	42·0	—	37	—
	(Cromer)												37·2	—	33	—
3. ENGLAND, E. Northern part.	Hillington	72	41	62·8	47·7	54·8	+ 1·1	90	0	4	0·40	- 0·07	25·6	- 20·5	23	- 18
	†Yarmouth (Lowestoft)	73	44	63·4	51·3	57·0	+ 4·3	105	0	4	0·20	- 0·20	*	*	*	*
	Geldeston	74	41	63·8	49·3	56·1	+ 2·7	99	0	4	0·28	- 0·12	37·2	- 11·7	33	- 10
	(Dunmow)												42·7	—	38	—
Southern part.	Cambridge	71	43	64·5	49·6	56·6	+ 1·8	102	0	3	0·24	- 0·22	38·2	- 7·9	34	- 7
	Felixstowe	73	42	65·2	50·6	57·5	+ 2·8	109	0	6	0·45	—	48·2	—	43	—
	Clacton-on-Sea	70	41	64·4	50·4	57·0	+ 1·9	105	0	5	0·24	—	42·9	—	38	—
	Rothamsted	70	42	63·7	48·6	55·7	+ 2·0	96	0	4	0·79	+ 0·31	39·6	- 5·1	35	- 5
	†Shoeburyness (Southend)	71	43	65·3	51·0	57·7	+ 2·1	110	0	4	0·33	- 0·03	45·0	—	40	—
	London, Westminster	72	45	65·4	51·1	57·8	+ 1·7	111	0	4	0·17	- 0·28	40·5	+ 2·1	36	+ 2
4. MIDLAND COUNTIES. Eastern part.	Harrogate	66	42	60·6	48·6	54·2	+ 2·7	85	0	7	0·45	- 0·05	26·1	—	23	—
	†Bawtry (Worksop)	70	44	65·7	49·7	57·2	+ 3·6	106	0	2	0·25	- 0·19	34·4	- 4·2	30	- 4
	Nottingham	69	46	63·9	50·9	57·0	+ 2·8	105	0	4	0·13	- 0·33	35·8	—	31	—
	†Colly Weston (Oundle)	71	44	64·0	48·6	55·8	+ 1·4	97	0	3	0·07	- 0·38	38·0	—	33	—
	Birmingham, Edgbaston	67	44	61·7	49·0	55·0	+ 2·2	91	0	3	0·50	- 0·05	34·3	—	30	—
	Oxford	70	45	63·1	49·9	56·1	+ 1·4	99	0	4	0·41	- 0·05	35·1	- 9·5	31	- 8
Western part.	†Cheadle (Sheffield)	66	42	59·5	48·0	53·4	+ 1·1	80	0	4	0·73	+ 0·17	40·7	—	35	—
	Shrewsbury	67	45	62·2	50·6	56·1	+ 1·6	99	0	3	0·27	—	*	*	*	*
	Hereford	67	45	63·4	49·3	55·9	+ 1·4	97	0	3	0·34	- 0·14	*	*	*	*
	Cirencester	67	43	60·5	47·5	53·6	+ 0·5	81	0	4	0·38	- 0·13	39·6	- 6·3	35	- 6
	Bath	70	46	62·4	51·4	56·6	+ 0·5	102	0	3	0·58	+ 0·08	39·1	—	35	—
	(Margate)												42·8	- 1·2	38	- 1
5. ENGLAND, S.	Kew	72	44	64·9	50·8	57·4	+ 2·3	108	0	4	0·15	- 0·30	43·2	- 3·1	39	- 3
	Wisley, Surrey	70	43	64·9	49·3	56·6	+ 1·4	102	0	4	0·20	—	39·8	—	36	—
	†Swarraton (Ventnor)	68	43	62·6	48·7	55·2	+ 2·3	92	0	4	0·29	- 0·19	22·7	- 26·2	21	- 24
	Tunbridge Wells	68	40	63·2	47·8	55·0	+ 1·0	91	0	3	0·46	0·00	42·2	- 4·5	38	- 4
	†Dungeness (Littlestone)	59	40	56·9	49·0	52·7	- 1·4	75	0	5	0·52	+ 0·22	35·0	—	31	—
	Hastings	62	42	58·5	48·5	53·2	- 1·1	78	0	5	0·26	- 0·12	26·9	- 26·6	24	- 24
	Southampton	71	45	64·7	50·2	57·0	+ 1·0	105	0	4	0·39	- 0·07	41·6	- 7·9	37	- 7
	†Portland Bill (Worthing)	57	48	54·0	49·4	51·6	- 3·1	67	0	2	0·14	—	30·1	—	27	—
	(Eastbourne)												36·5	- 15·1	33	- 14
6. SCOTLAND, W.	Laudale, Loch Sunart	61	41	57·6	45·6	51·2	- 1·4	64	0	5	1·42	+ 0·54	*	*	*	*
	Glasgow	68	44	59·6	47·9	53·4	+ 1·1	80	0	6	1·37	+ 0·78	32·3	- 5·5	27	- 5
	Dumfries	66	43	62·7	48·5	55·2	+ 2·5	92	0	5	0·77	+ 0·17	*	*	*	*
	Cally	71	44	60·4	46·7	53·1	+ 1·0	78	0	6	0·70	0·00	*	*	*	*
	Douglas, Isle of Man	62	45	57·9	47·7	52·5	+ 0·4	74	0	5	0·56	+ 0·01	36·1	- 15·5	31	- 13
7. ENGLAND, N.W.	Aspatria	66	44	59·2	48·0	53·3	+ 0·6	79	0	5	0·81	+ 0·25	27·1	—	23	—
	Newton Rigg	66	42	60·5	48·3	54·0	+ 2·7	84	0	6	0·48	- 0·04	37·7	- 9·1	33	- 8
	Stonyhurst	61	44	58·1	49·8	53·7	+ 1·0	82	0	5	1·26	+ 0·60	24·0	- 21·0	21	- 18
	Blackpool	58	45	56·5	49·6	52·8	- 0·4	76	0	5	0·85	+ 0·37	32·5	- 13·6	28	- 12
	Manchester, Prestwich	65	44	61·3	50·0	55·3	+ 2·4	93	0	5	0·49	- 0·11	27·9	- 16·3	24	- 14
	†Liverpool Obs. (Hoylake)	65	46	59·4	50·9	54·9	+ 0·9	90	0	4	0·44	- 0·01	43·5	—	38	—
	†Hawarden Bridge (Southport)	64	46	61·2	51·6	56·1	+ 1·7	99	0	4	0·32	- 0·05	36·8	—	32	—
NORTH WALES	Llandudno	63	46	59·3	50·4	54·6	+ 0·4	88	0	4	0·34	- 0·09	38·0	- 9·0	33	- 8
	†Holyhead (Aberdovey)	58	46	55·7	47·8	51·5	- 1·9	67	0	5	0·40	- 0·05	28·2	—	25	—
	Bettws-y-Coed	61	45	58·4	49·7	53·8	- 0·2	83	0	5	0·54	—	22·3	—	20	—
8. SOUTH WALES	Llangammarch Wells	59	44	56·3	47·5	51·6	- 1·5	67	0	5	0·52	—	34·5	—	31	—
	Pembroke	57	44	53·4	47·6	50·3	- 2·7	58	0	5	0·51	+ 0·07	30·9	- 20·6	27	- 18
	†Cardiff (Aberystwyth)	65	44	59·9	49·4	54·3	- 1·1	86	0	6	0·55	- 0·01	23·8	-	21	—
ENGLAND, S.W.	†Clifton (Torquay)	68	41	61·1	49·9	55·2	- 0·4	92	0	5	0·51	+ 0·04	45·5	- 7·1	41	- 6
	†Shaftesbury (Marlborough)	64	43	60·3	47·7	53·6	+ 0·8	81	0	3	0·45	- 0·05	34·6	- 7·8	31	- 7
	†Arlington (Newquay)	63	45	56·9	48·4	52·4	- 0·4	73	0	6	1·02	+ 0·37	*	*	*	*
	Cullompton	69	47	62·9	51·0	56·6	+ 1·9	102	0	4	0·28	- 0·22	37·0	- 8·7	33	- 8
	Plymouth	61	48	57·2	50·1	53·4	- 2·2	80	0	3	0·26	- 0·21	28·5	- 21·2	26	- 19
	Falmouth	62	48	58·5	50·4	54·2	- 0·1	85	0	3	0·25	- 0·28	29·9	- 23·3	27	- 21
9 IRELAND, N. Western part.	Malin Head	57	43	53·9	45·6	49·5	- 2·3	53	0	5	1·16	+ 0·69	*	*	*	*
	Edenfel	62	42	56·9	48·0	52·2	+ 0·2	71	0	6	1·32	+ 0·70	*	*	*	*
	Blacksod Point	61	46	55·1	49·0	51·9	- 1·1	69	0	5	0·77	+ 0·17	*	*	*	*
	Markree Castle	68	45	58·7	49·4	53·8	+ 1·8	83	0	6	1·02	+ 0·38	16·4	- 24·9	14	- 22
Eastern part.	Armagh	65	43	60·4	48·7	54·2	+ 1·6	85	0	6	0·66	+ 0·12	20·9	- 21·2	17	- 18
	Donaghadee	62	44	58·6	47·6	52·8	+ 0·4	76	0	5	0·33	- 0·17	*	*	*	*
10. IRELAND, S. Eastern part.	†Dublin, City (Phœnix Park)	69	46	63·4	51·3	57·0	+ 2·4	105	0	5	0·43	- 0·01	28·2	- 18·8	25	- 17
	Kilkenny	65	45	60·6	49·6	54·8	+ 1·3	90	0	5	0·33	- 0·19	*	*	*	*
	Waterford	62	46	59·3	48·3	53·5	- 0·2	81	0	3	0·28	- 0·28	*	*	*	*
Western part.	Birr Castle	66	40	59·6	48·3	53·6	+ 0·1	81	0	5	0·36	- 0·17	12·8	- 28·2	11	- 25
	Foynes	59	48	54·8	50·7	52·6	- 1·2	74	0	4	0·35	- 0·19	*	*	*	*
	Killarney	69	47	62·7	50·1	56·0	+ 2·2	98	0	4	0·51	- 0·15	*	*	*	*
	Valencia	59	48	56·6	50·7	53·5	- 0·4	81	0	6	1·04	+ 0·29	16·5	- 29·9	15	- 27
	†Roches Point (Ballinacurra)	60	47	57·3	49·1	53·0	- 1·6	77	0	5	0·66	+ 0·02	37·3	—	33	—
11. ENGLISH CHANNEL	Scilly, St. Mary's	59	50	57·4	51·0	54·0	- 0·6	84	0	3	0·22	- 0·16	33·4	- 22·0	30	- 20
	†Jersey, St. Aubins (St. Heliers)	62	49	59·3	51·7	55·3	- 0·5	93	0	5	0·13	- 0·32	28·4	- 28·1	26	- 26
	Guernsey	62	48	58·3	50·6	54·2	- 0·4	85	0	2	0·06	- 0·38	26·3	- 32·0	24	- 29

Information for Stations marked ℳ is supplied by the Royal Meteorological Society, and that for Stations marked 𝒮 is supplied by the Scottish Meteorological Society.

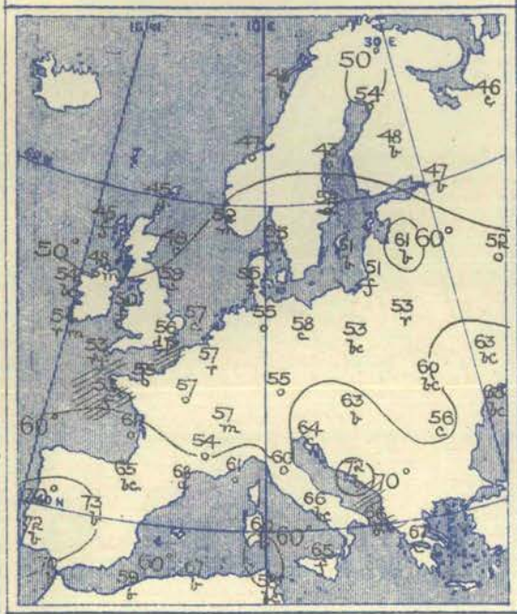
* An Asterisk is inserted in all places for which the information is not usually given.

† There is no Sunshine Recorder in use at this Station. The figures entered for Sunshine are those recorded at a Station in the same district of which the name is given in brackets.

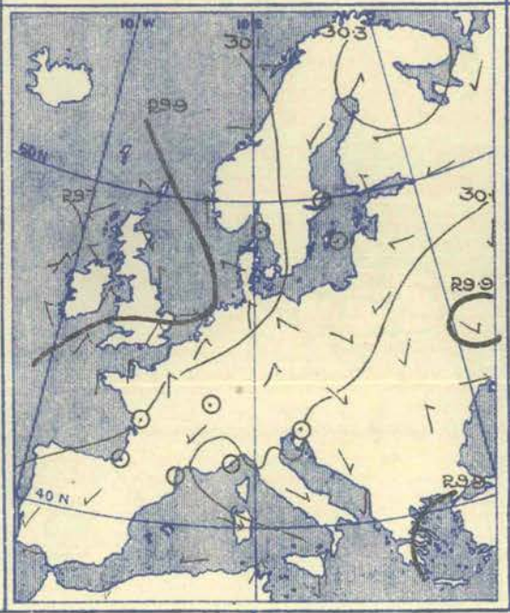
Additional Sunshine Totals for the week: Ramsgate, 44·9 hrs., 40 %; Brighton, 20·0 hrs. (- 31·1), 18 % (- 28 %); Bournemouth, 41·6 hrs., 37 %; Bognor, 32·5 hrs., 29 %; Rhyl, 44·9 hrs., 39 %; Tenby, 33·0 hrs. (- 19·0) 29 % (- 17 %).

Sunday, 27th May, 1906.

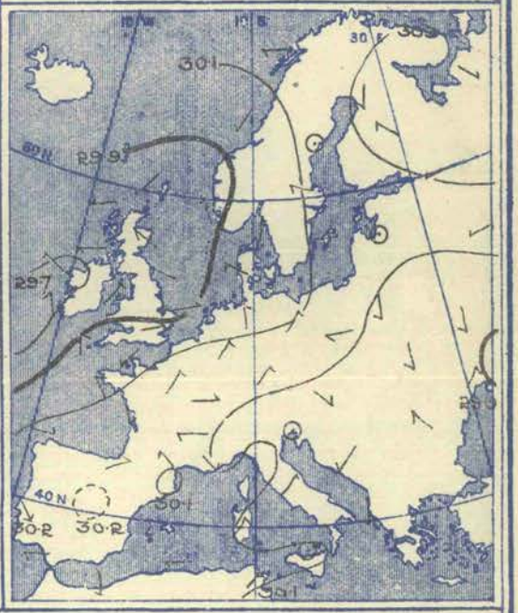
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER in morning cloudy or dull over western and central Europe as a whole, with fog on the western and southern coasts of Great Britain, and rain in several parts of the United Kingdom, as well as in Denmark and the Netherlands. Fine in most of the eastern and southern countries; fog reported at Naples and Palermo. Improvement taking place later in Scotland, but rain falling over northern and north-western Europe generally—heavily in the south of Ireland and also in Denmark and the south of Norway.

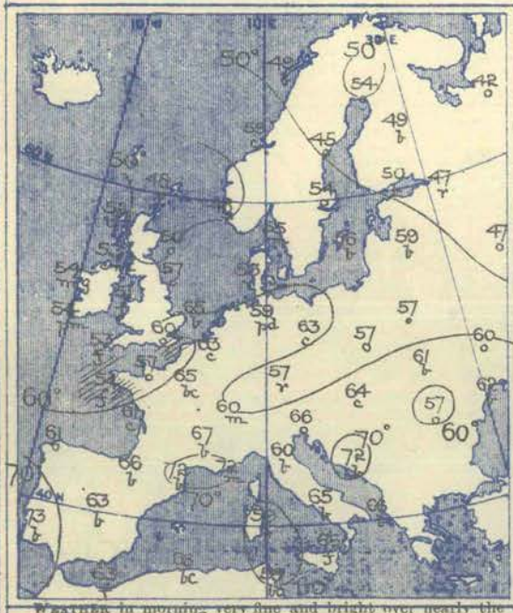
TEMPERATURE risen in most parts of western and southern Europe, but fallen in other localities. Morning readings highest, 73° at Madrid, and 72° at Lisbon; above 65° at several of the Mediterranean and Adriatic stations, and above 55° over England and central Ireland. Lowest (1) 43° at Hernösand, 45° at Ulcaborg, and 46° at Archangel; (2) 45° at Sumburgh Head, Stornoway, and Wick, and 47° at Nairn. Rising during day to 65° or a trifle above it in many parts of Great Britain; exceeding 75° over southern Europe as a whole, and exceeding 80° over Spain and southern Italy.

WIND light to moderate from the South-Westward over Ireland, England and the neighbouring parts of the Continent, but calm or variable in Scotland and South-Easterly on the eastern shores of the North Sea. Easterly to North-Easterly over the Spanish Peninsula and also over Russia; light and variable over the central and southern countries generally. North-Easterly winds setting in later in the north of Scotland; no decided change occurring elsewhere.

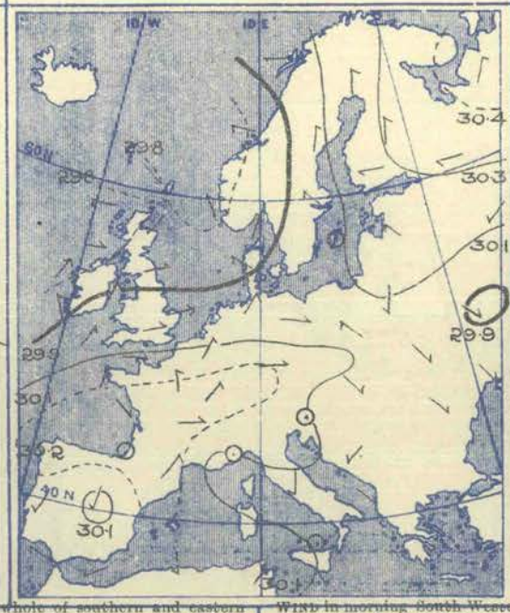
BAROMETER highest 30·3 ins. and upwards over Lapland, 30·1 ins. and upwards in a large area extending thence in a southerly and south-westerly direction across the Baltic, Germany and central France. Lowest 29·7 ins. and less in a shallow depression lying off the north-west of Ireland, 29·9 ins. and less in another disturbance over the south of Russia. New disturbance arriving later off our own extreme western coasts, and barometer falling in the west generally. Russian disturbance moving south-eastwards.

Monday, 28th May, 1906.

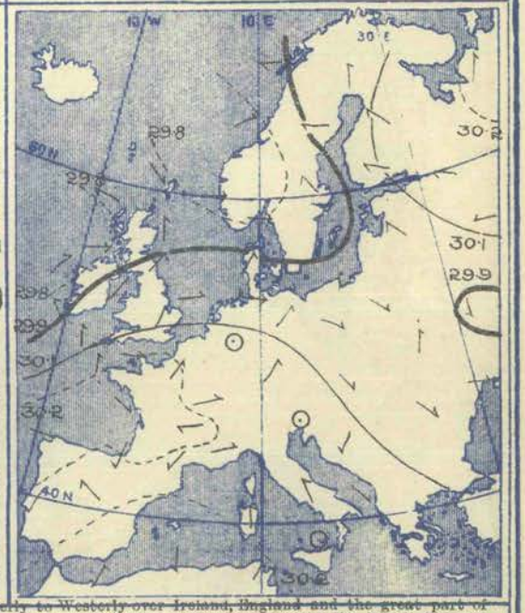
Temperature and Weather 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER in morning very fine and bright over nearly the whole of southern and eastern Europe, eastern Algeria and Tunis, but elsewhere mostly very cloudy to overcast, with rain at Bath and on the eastern shores of the North Sea, and light showers in the south of Ireland. Much mist or fog on our western, southern and north-eastern coasts, off Brittany, along the shores of the Kattegat and the Baltic, western Algeria, Sicily, and the Gulf of Lyons. Rain falling later at nearly all stations in the north-western quarter of Europe; 0·5 in. measured at Stornoway, and 0·3 in. at Karlstad. Mist or fog continuing over extensive areas.

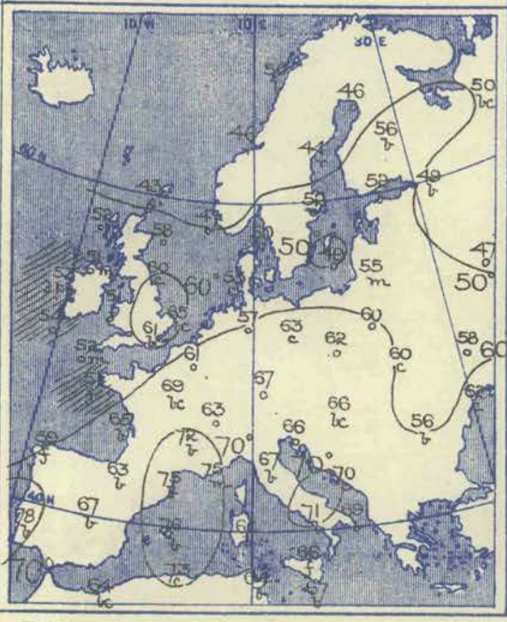
TEMPERATURE at 8 a.m. showing irregular variations. As high as 73° at Lisbon, and 72° at Perpignan, Sicié and Lesina; generally below 65° in north Africa; 65° at Yarmouth, 63° at Berlin and Sweinemünde; 47° at Moscow, St. Petersburg and Leith, 46° at Sumburgh Head, and 42° at Archangel. Afternoon maxima of 80° and upwards experienced at numerous stations in western and southern Europe and beyond the Mediterranean, 90° at Lisbon, 91° at Madrid and Cette, 94° at Perpignan, and 95° at Biskra and Bilbao. Exceeding 60° in many parts of north-western Europe, 73° at Lowestoft and Yarmouth.

WIND in morning South-Westerly to Westerly over Ireland, England and the great part of western Europe, Southerly to South-Easterly or Easterly between the North Sea and Russia, calms and variable elsewhere. Blowing strongly at Karlstad and Skudenaes, but in few other localities exceeding the force of a moderate breeze. No important change occurring during the day, other than a shift into South-West on the eastern shores of the North Sea, and an increase to a strong breeze at Blacksod Point and Skagen.

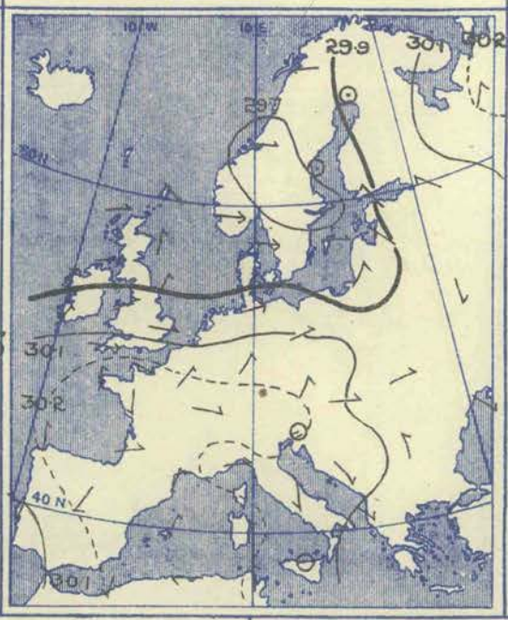
BAROMETER at 8 a.m. above 30·4 ins. in an anticyclone centred over the White Sea region, above 30·2 ins. in another extending from the north-west of Spain into Bavaria, and also in one over Algeria. Below 29·8 ins. in a depression off our north-western coasts, and in another between the Shetlands and Norway; about 29·9 ins. in a shallow depression over southern Russia. Changes during the day slight, barometer rising slowly over the British Isles and southward, falling as slowly in most other localities.

Tuesday, 29th May, 1906.

Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.

WEATHER in morning fine in France and the east and south-east of England, but cloudy or dull over north-western Europe generally, with fog on our own western and southern coasts, and with rain at several of the Scandinavian stations, as well as at Frankfort. Fine over the southern parts of the Continent generally, and also over northern Russia. Rain falling later in the north of Ireland and the west and north of Scotland, as well as in many parts of northern and central Europe.

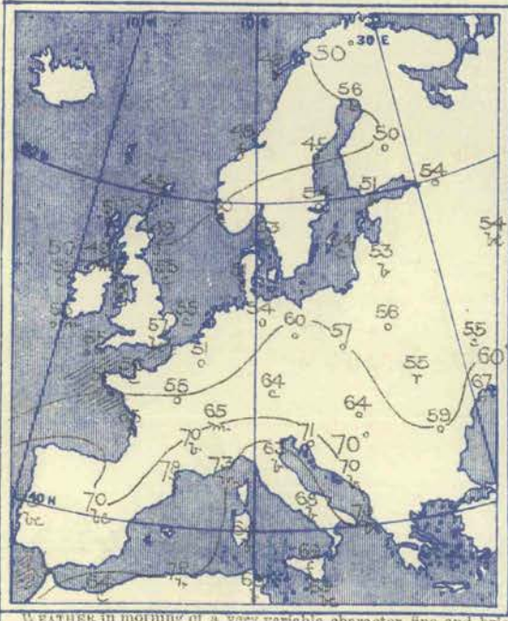
TEMPERATURE fallen in Ireland and also in the northern parts of the Continent but risen elsewhere. Morning readings highest 78° at Oporto and Lisbon, 76° at Palma, and 75° at Toulon and Perpignan; above 65° over central France, south Germany, and Austria; between 60° and 65° over eastern and central England. Lowest, 43° at Sumburgh Head, 44° at Hernösand, and 46° at Haparanda, Christiansund and Wick. Rising during day to between 65° and 70° over eastern and central England; exceeding 80° over southern France, Spain, and Italy, and reaching 91° at Perpignan, 93° at Madrid, 94° at Bordeaux, and 95° at Lisbon.

WIND moderate from the Westward or South-Westward over Ireland, England, and all the more central parts of the Continent; Easterly or South-Easterly over northern Russia and the extreme north of Scandinavia. Light and variable over France, Italy, and the Mediterranean; Easterly (South-Easterly to North-Easterly) over the Spanish Peninsula. No decided change occurring during day.

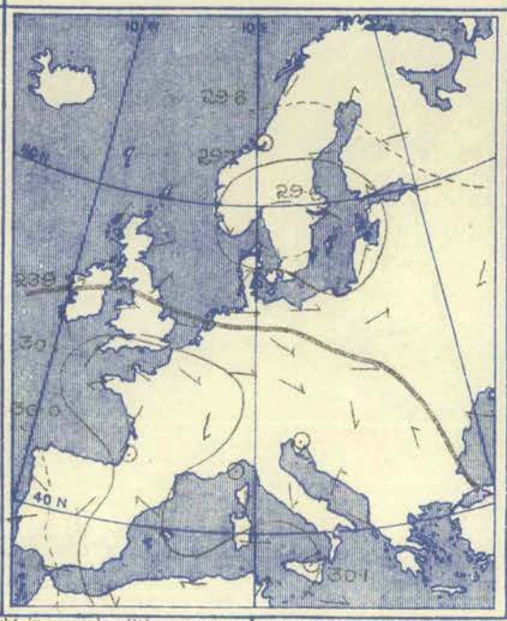
BAROMETER highest 30·2 ins. and upwards over France, Spain, the Bay of Biscay and the western parts of the Mediterranean, and also over northern Russia. Lowest 29·7 ins. and less in a shallow depression over Scandinavia. New disturbance of similar intensity appearing later off the west of Scotland. High pressure systems both giving way later.

Wednesday, 30th May, 1906.

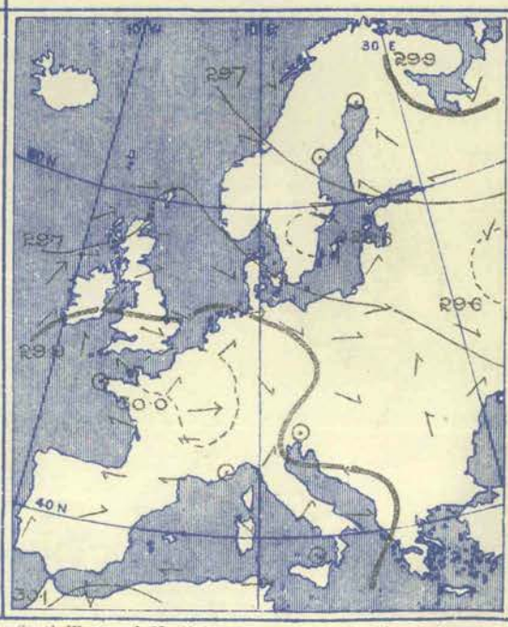
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER in morning of a very variable character, fine and bright in many localities, overcast and dull in others, with showers in Donegal, rain at a few isolated Continental stations, and much mist or fog on our north-eastern, western and southern coasts, along the west and south of France, off Corsica and Sicily. During the day light rain experienced in many parts of the British Isles, Southern Scandinavia, Germany, Austria and Russia, 0·5 in. at Hamburg and Odessa, 0·7 in. at Stockholm. A rainless thunderstorm at Perpignan.

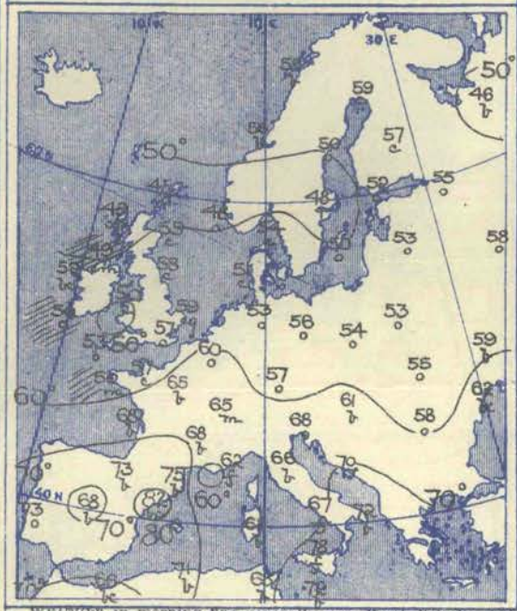
TEMPERATURE at 8 a.m. as high as 82° at Oporto, 78° at Bilbao and Perpignan, 77° at San Fernando, 73° at Lisbon, Sicié and Sfax; below 60° at nearly every station north of the 50th parallel, 56° at Bath and Jersey, 51° at Brest and Brussels, 46° at Nairn, and 45° at Sumburgh Head and Hernösand. In the course of the day maxima above 85° at numerous stations in Africa and western and southern Europe, several in the west and south of France exceeding 90°, Biskra 95°, Madrid 97°, and Laghouat and Cette 99°. Generally over the northern half of the British Isles and Northern Europe there were comparatively few values above 60°, but Haparanda reached 72° while Sumburgh Head only touched 49°.

WIND in morning from between South-West and North-West over these islands and thence across the Continent to the Black Sea, a complete cyclonic circulation shown over Northern Europe, direction very variable over France and the Mediterranean regions. Blowing very strongly at Fanö, but few other stations exceeding a moderate breeze. No important modification later, moderating at Fanö and increasing to a strong breeze at Belfort.

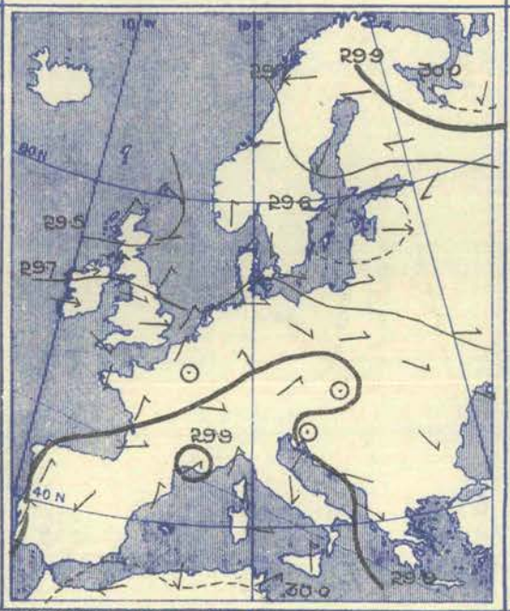
BAROMETER at 8 a.m. slightly above 30·2 ins. at Havre and Le Mans, the anticyclone covering the greater part of Western Europe and extending down to Africa; below 29·6 ins. in a depression centred over southern Scandinavia, and nearly as low over South-Eastern Russia. By evening a slight decrease of pressure over nearly the whole region under observation but the various systems keeping almost the same positions as in the morning.

Thursday, 31st May, 1906.

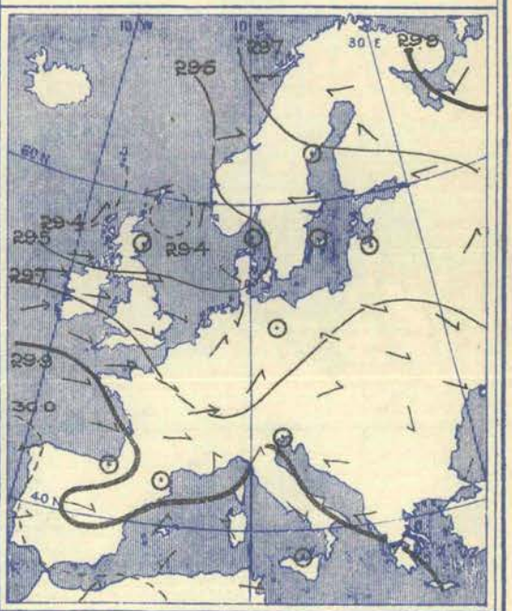
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER in morning fine generally over North Britain, the extreme north of Europe, the western and southern parts of the Continent and in North Africa. Elsewhere mostly overcast and dull, with rain at Stockholm, Vienna and Lesina, showers at Stornoway, and fog at Portland Bill, along the south coast of France, and at Naples and at Palermo. During the day rain falling at most of the home stations, and in various localities in northern, central, and eastern Europe, very small amounts as a rule, but 0·6 in. at Munich, and 0·7 at St. Petersburg. Thunder heard at Aberdeen and locally in France.

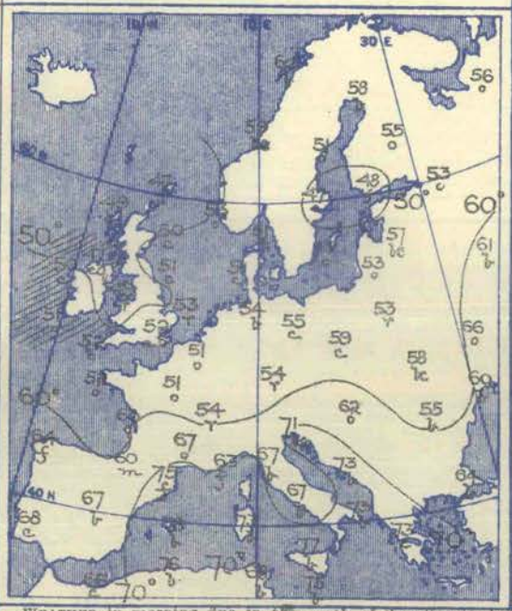
TEMPERATURE at 8 a.m. as high as 82° at Barcelona, 78° at Oporto and Palermo, 76° at La Calle, and exceeding 65° generally over southern Europe, but only 57° at Sicié. Over northern Europe ranging from 59° at Haparanda, 58° at Christiansund, and 55° at Bodö to 49° at Stornoway, Malin Head, and Pembroke, 46° at Archangel, and 45° in the Shetlands. Afternoon maxima of 80° and upwards registered at numerous stations in France, southern Europe and Africa, 97° at Madrid 100° at Biskra, and 102° at Laghouat. Most of the values in the British Isles and northern Europe below 60°, but Haparanda reached 73°, while Sumburgh Head did not pass above 49°.

WIND in morning Easterly over northern Europe, from very varied directions over the Mediterranean area, and between these regions South-Westerly to North-Westerly prevailing. A fresh breeze at Blacksod Point and Bodö, everywhere else the force moderate to very light. The general features undergoing little modification later, but a strong breeze springing up in the north-west and north of Ireland, and at Skudesnæs, rather stronger at Belfort.

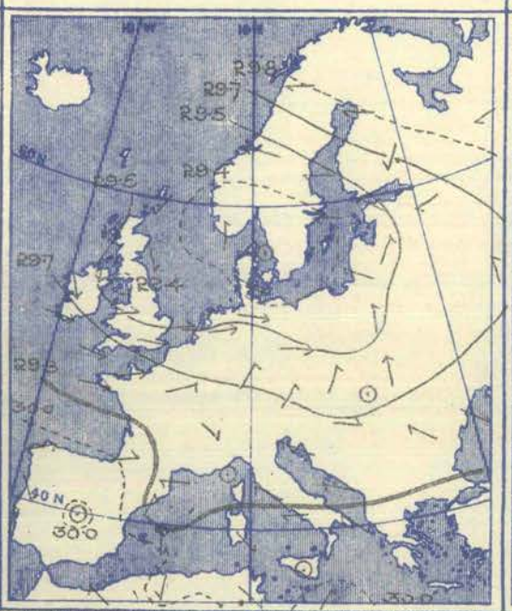
BAROMETER at 8 a.m. slightly above 30 ins. only in north Africa and on the White Sea; below 29·5 ins. in a depression over the north of Scotland, and below 29·6 ins. in two others situated respectively over the Baltic and central Russia. In the evening readings about 30 ins. in the extreme west of the Spanish Peninsula and in western Algeria, and between 29·4 ins. and 29·6 ins. in a belt of low pressure extending from the Hebrides across the North Sea and southern Scandinavia to central Russia.

Friday, 1st June, 1906.

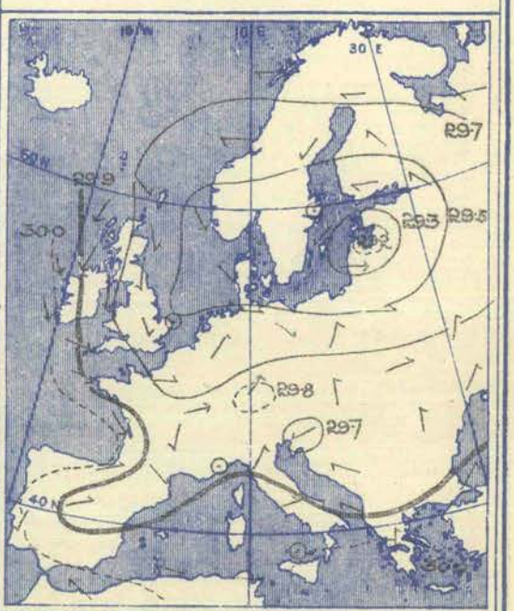
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER in morning fine in the north of Scandinavia, but cloudy and changeable over western and northern Europe generally, with showers in many parts of the United Kingdom. Steady rain falling in South Germany and the neighbouring parts of France and Austria. Fine over the southern countries generally, but foggy in the extreme south of France. Improvement taking place later in the west of these islands but thunderstorms occurring over nearly the whole of England, and rain falling in most parts of northern and central Europe.

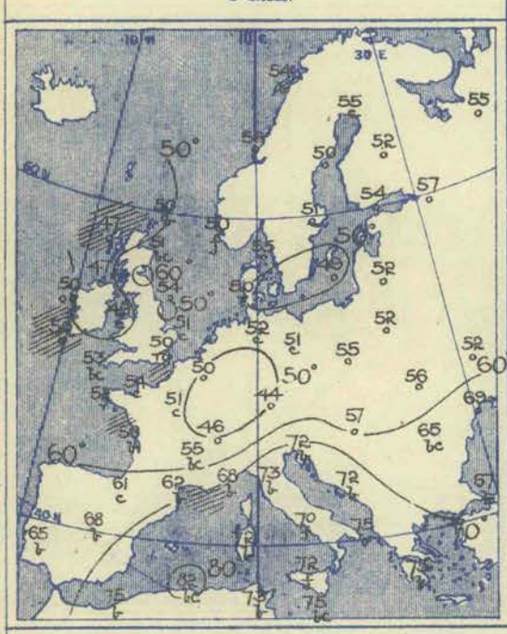
TEMPERATURE fallen generally, but risen in Scandinavia, as well as in Austria and Italy. Morning readings highest, 77° at Palermo, 76° at Algiers and 75° at Malta; above 70° at the Mediterranean and Adriatic stations generally. Lowest (1) 47° at Sumburgh Head, Wick, Malin Head and Donaghadee; (2) 47° at Stockholm and 48° at Hangö. Daily maxima in these Islands below 60° in most places but just reaching that point at a few stations in the east and south-east of England. Exceeding 80° over southern Europe generally and reaching 91° at Perpignan, 92° at Caglieri and 95° at Madrid.

WIND showing a distinct cyclonic circulation round the Danish depression. Easterly in Scandinavia and northern Russia; North-Easterly or Northerly in Scotland and the north of Ireland; Westerly or South-Westerly over England, the north of France, the Netherlands and Germany, and blowing strongly on many parts of our southern coasts. Variable over southern Europe as a whole, but Easterly or South-Easterly in Italy. Becoming Northerly in these Islands later and blowing with the force of a moderate gale on our western coasts.

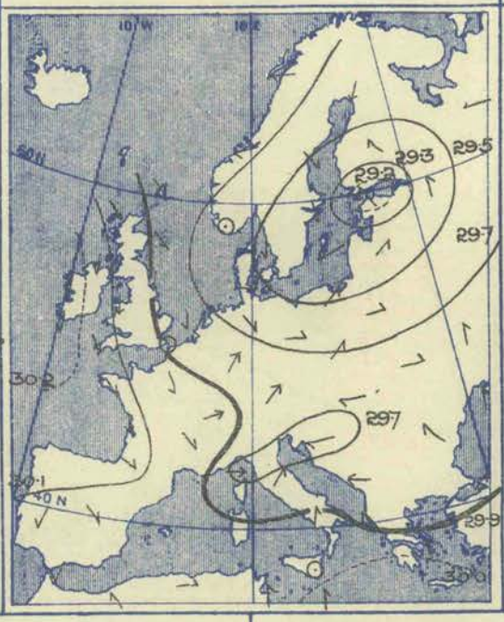
BAROMETER highest 30·0 ins. and upwards over Spain and Morocco and also over the central parts of the Mediterranean; 29·8 ins. and upwards in the extreme northern parts of Russia and Scandinavia. Lowest 29·4 ins. and less in a large shallow depression covering Denmark, the south of Scandinavia and a considerable portion of the North Sea, and also in a small secondary system over the south-west of Scotland. Northern depression subsequently travelling eastwards to the Baltic provinces; secondary disturbance moving rapidly south-eastwards across England.

Saturday, 2nd June, 1906.

Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.

WEATHER at 8 a.m. fine and bright in nearly all the southern regions of Europe; cloudy or quite overcast as a whole, with rain in some parts of Austria and at Brest, and also at some stations in the east and south-east of England and at Knopio. Rain falling later in Sweden, Germany, and the east of France, and thunder heard at Nottingham.

TEMPERATURE changed very irregularly. Readings in morning ranging from 82° at Algiers, 77° at Pesaro, and 75° at Malta and in Greece, to a little above 50° over our area generally, to 47° in the far north of Scotland, 46° at Belfort, and 44° at Munich. Rising to 88° during day at Nice and to 77° at Lisbon. Maxima below 65° over the north-western countries as a whole, but thermometer touching 73° at Leith. Highest reading at Malin Head 48°.

WIND in morning Northerly to North-Westerly over the United Kingdom and its immediate neighbourhood, and fresh or strong in force on our western coasts. Two cyclonic circulations shown over the Continent—one around the Gulf of Finland and the other around the north of Italy. No change of importance occurring later.

BAROMETER at 8 a.m. above 30·2 ins. over the west of Ireland in the eastern edge of an anticyclone extending thence from the Atlantic. As low as 29·6 ins. at Trieste in an elongated depression stretching from the Gulf of Genoa to the south of Hungary, and below 29·2 ins. in another disturbance having its centre over the western portion of the Gulf of Finland. A secondary area of relatively low pressure existing over the central regions of Spain. Pressure increasing during day over all the western and north-western countries.

IV.—TEMPERATURE on the Grass, and in the Ground.

	STATION.	Grass Min.		Mean Earth Temp.			STATION.	Grass Min.		Mean Earth Temp.			STATION.	Grass Min.		Mean Earth Temp	
		No. of Obs. of 30° or less.	Lowest reading.	At 1 foot.	At 4 feet.			No. of Obs. of 30° or less.	Lowest reading.	At 1 foot.	At 4 feet.			No. of Obs. of 30° or less.	Lowest reading.	At 1 foot.	At 4 feet.
			°	°	°				°	°	°				°	°	°
2.	York	—	—	53·3	48·6	5.	Kew	0	37	55·3	50·7	8.	Llangammarch Wells	—	—	52·0	48·2
	Hull	0	39	54·1	49·1		Canterbury	0	33	56·5	52·2		Bath	—	—	56·4	52·4
3.	Cambridge	0	36	—	—		Portsmouth	0	41	57·3	53·2		Plymouth	0	?	56·4	—
	Dunmow	0	36	—	—	6.	Glasgow	0	40	—	—	9.	Armagh	0	41	53·9	49·8
4.	Harrogate	0	41	50·6	47·8	7.	Newton Rigg	0	41	53·4	47·9		Markree	0	38	54·5	—
	Sheffield	0	40	52·6	46·5		Bettws-y-Coed	0	44	52·4	48·6	10.	Dublin, Trin. Coll.	0	42	54·5	50·5
	Birmingham	0	35	50·8	46·7		Manchester (Oldham Road)	0	45	54·6	49·2	11.	Guernsey, Brooklyn	0	44	55·8	52·7
	Nottingham	0	40	54·7	49·2												

V.—OBSERVATIONS IN THE UPPER AIR.—Temperature, Humidity and Wind Velocity.

Date of Observation.	Station and its Height above M.S.L.		Heights in feet above Mean Sea Level.						Remarks.
			Ground Level.	1,660.	3,320.	5,000.	6,660.	8,320.	10,000.	
1906. May 27th, 4.8 p.m. to 5.4 p.m.	Brighton, 380 ft.	Temperature F.	53°	56°						Thick damp fog. Kite invisible after 200 ft.
		Humidity	100	100						
		Wind Velocity, m. per hr.								
May 28th, 11.0 a.m. to 11.50 a.m.	Oxshott, Surrey, 200 ft.	Temperature F.	62°	57°	60°					One kite. Height uncertain, and temp. above 3,000 ft. doubtful, owing to the clock stopping. Lowest temp. 53°. Convection currents very evident. Cloud level 2,400 ft.
		Humidity	80	95	70					
		Wind Velocity, m. per hr.	SW by W, 12	W, 25	W					
May 28th, 11.35 a.m. to 1.15 p.m.	Ditcham Park, Petersfield, 400 ft.	Temperature F.	60°	49°						One kite. Wire 2,500 ft. Wind light.
		Humidity	80	100						
		Wind Velocity, m. per hr.	W by S							
May 31st, 3.10 p.m. to 4.6 p.m.	Oxshott, Surrey, 200 ft.	Temperature F.	59°	53°	44°					One kite. Wire 6,000 ft. Max. height 4,100 ft. Clouds at 3,500 ft. Wind very light at the highest point, but much stronger during the descent than during the ascent.
		Humidity	60	80	95					
		Wind Velocity, m. per hr.	WSW, 12	W by N, 25	WNW, 25					
June 1st, 10.10 a.m. to 11.50 a.m.	Oxshott, Surrey, 200 ft.	Temperature F.	60°	50°	42°	32°				One kite. Wire 6,000 ft. Cloud level about 4,500 ft. Shower during ascent. Thunder showers with hail later.
		Humidity	60	75	90	100				
		Wind Velocity, m. per hr.	WSW, 13	W 30	WNW, 35	WNW, 25				

63, Victoria Street, London, S.W.
June 6th, 1906.

W. N. SHAW,
Director.

ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE,

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TWENTY-NINTH YEAR. Vol. XXIII. (New Series.) No. 23. TWENTY-THIRD WEEK, ENDING SATURDAY, JUNE 9TH, 1906. [Price 6d. Annual Subscription post paid £1 10s. 0d.

I.—GENERAL REMARKS.

Weather during this week was extremely fine over the United Kingdom generally. Scarcely any rain was experienced except some slight falls at some northern and eastern stations quite at the commencement of the period and in Ireland on Wednesday.

Temperature was below the average over the greater part of England—as much as 3·2° in England E.—but rather above it in Ireland, Scotland, and the western districts of England, and also in the Channel Islands. The highest of the maxima were registered on rather irregular dates, and ranged from 79° in the Midland Counties (at Colly Weston) and 78° in England S. and Scotland W. to 73° in Ireland S. and the Channel Islands and to 73° in the Channel Islands and Ireland N. Along the east coast of England the maxima were generally very low, the thermometer not often exceeding 56°. The lowest of the minima, which mostly occurred during the earlier half of the week, were very low for the time of year. In England S. (at Tunbridge Wells on Thursday) the sheltered thermometer fell to 28°, and in the Midland Counties, England E., and Scotland E. to 33°. In Ireland and the west of Scotland the lowest reading was 40°, and in the Channel Islands 45°.

Rainfall.—The major portion of the Kingdom was entirely rainless, but a few hundredths of an inch were measured in various parts of Ireland and Scotland.

Bright Sunshine was greatly in excess of the average generally, but deficient in Scotland N. The percentage of the possible duration ranged from 80° in the Channel Islands and 71° in England S. to 41° in Scotland E. and to 27° in Scotland N.

Barometer and Wind.—The general distribution of pressure was anticyclonic, the highest readings being at first off the west of Ireland and subsequently directly over our Islands or the North Sea. The direction of the wind varied a good deal in the north and west, but over the greater part of England light breezes from some point between N. and E. were generally prevalent.

SUMMARY OF TEMPERATURE, RAINFALL, AND DURATION OF BRIGHT SUNSHINE IN THE UNITED KINGDOM, FOR AGRICULTURAL AND SANITARY PURPOSES.

THE WEEK (23rd)—June 3rd to June 9th, 1906.

DISTRICTS. (See p. 134.)	Temperature. Highest.	Lowest.	Means of Daily Max.	Daily Min.	Daily Mean.	Difference from Av. (35 Yrs.)	Accumulated. Number of Day-Degrees. Above 42°	Difference from Av. (25 Yrs.)	Below 42°	Difference from Av. (25 Yrs.)	Rainfall. Number of Rain-Days.	Diff. from Av. (35 Yrs.)	Total Fall.	Difference from Average (35 Yrs.)	Sunshine. Hours recorded.	Diff. from Av. (25 Yrs.)	Percentage of Possible Duration	Diff. from Av. (25 Yrs.)
	°	°	°	°	°	°	Day-deg.	Day-deg.	Day-deg	Day-deg.			Inches.	Inches.			%	%
0. SCOTLAND, NORTH ..	76	34	60·4	44·7	52·0	+ 1·1	70	+ 8	0	− 2	1	− 3	0·02	−0·58	33	− 4	27	− 3
Eastern 1. SCOTLAND, EAST ..	77	33	65·3	45·2	54·6	+ 2·3	88	+ 17	0	− 2	1	− 2	0·05	−0·45	50	+ 9	41	+ 8
Eastern 2. ENGLAND, N.E. ..	77	34	63·9	45·1	53·8	− 0·2	83	+ 8	0	− 1	0	− 3	0·00	−0·44	59†	+ 18†	50†	+16†
Eastern 3. ENGLAND, EAST ..	75	33	62·9	43·7	52·6	− 3·2	74	− 16	0	− 1	0	− 3	0·00	−0·45	72	+ 28	63	+25
Eastern 4. MIDLAND COUNTIES	79	33	68·6	43·4	55·1	− 0·1	92	+ 3	0	− 1	0	− 3	0·00	−0·51	69	+ 32	60	+28
Eastern 5. ENGLAND, SOUTH ..	78	28	65·3	44·6	54·5	− 1·4	88	− 9	0	0	0	− 3	0·00	−0·45	80	+ 34	71	+30
Western 6. SCOTLAND, WEST ..	78	40	67·4	45·5	55·7	+ 2·0	96	+ 20	0	− 1	0	− 3	0·00	−0·68	61	+ 16	51	+13
Western 7. ENGLAND, N.W. ..	74	39	65·7	46·9	55·7	+ 1·1	96	+ 12	0	0	0	− 3	0·00	−0·52	73	+ 27	63	+23
Western 8. ENGLAND, S.W. ..	76	37	67·3	46·7	56·3	+ 0·9	100	+ 9	0	0	0	− 3	0·00	−0·54	77	+ 33	68	+29
Western 9. IRELAND, NORTH ..	73	40	63·7	47·3	54·9	+ 1·4	90	+ 8	0	0	0	− 4	0·00	−0·58	58	+ 17	49	+15
Western 10. IRELAND, SOUTH ..	77	40	66·8	48·8	57·2	+ 2·1	106	+ 16	0	0	1	− 2	0·02	−0·59	63	+ 18	55	+16
11. CHANNEL ISLANDS..	73	45	63·7	50·5	56·7	+ 0·5	103	+ 5	0	0	0	− 3	0·00	−0·44	88	+ 31	80	+28

THE SEASON (Summer).—Aggregates, &c., for the Period of 1 Week, June 3rd to June 9th, 1906.

0. SCOTLAND NORTH ..	76	34	*	*	*	*	70	+ 8	0	− 2	1	− 3	0·02	−0·58	33	− 4	27	− 3
Eastern 1. SCOTLAND, EAST ..	77	33	*	*	*	*	88	+ 17	0	− 2	1	− 2	0·05	−0·45	50	+ 9	41	+ 8
Eastern 2. ENGLAND, N.E. ..	77	34	*	*	*	*	83	+ 8	0	− 1	0	− 3	0·00	−0·44	59	+ 18†	50	+16†
Eastern 3. ENGLAND, EAST ..	75	33	*	*	*	*	74	− 16	0	− 1	0	− 3	0·00	−0·45	72	+ 28	63	+25
Eastern 4. MIDLAND COUNTIES	79	33	*	*	*	*	92	+ 3	0	− 1	0	− 3	0·00	−0·51	69	+ 32	60	+28
Eastern 5. ENGLAND, SOUTH ..	78	28	*	*	*	*	88	− 9	0	0	0	− 3	0·00	−0·45	80	+ 34	71	+30
Western 6. SCOTLAND, WEST ..	78	40	*	*	*	*	96	+ 20	0	− 1	0	− 3	0·00	−0·68	61	+ 16	51	+13
Western 7. ENGLAND, N.W. ..	74	39	*	*	*	*	96	+ 12	0	0	0	− 3	0·00	−0·52	73	+ 27	63	+23
Western 8. ENGLAND, S.W. ..	76	37	*	*	*	*	100	+ 9	0	0	0	− 3	0·00	−0·54	77	+ 33	68	+29
Western 9. IRELAND, NORTH ..	73	40	*	*	*	*	90	+ 8	0	0	0	− 4	0·00	−0·58	58	+ 17	49	+15
Western 10. IRELAND, SOUTH ..	77	40	*	*	*	*	106	+ 16	0	0	1	− 2	0·02	−0·59	63	+ 18	55	+16
11. CHANNEL ISLANDS..	73	45	*	*	*	*	103	+ 5	0	0	0	− 3	0·00	−0·44	88	+ 31	80	+28

THE YEAR.—Aggregates, &c., for the period of 23 Weeks, December 31st, 1905, to June 9th, 1906.

0. SCOTLAND, NORTH ..	76	8	*	*	*	*	372	−124	646	+ 89	119	+20	24·92	+4·94	502	− 33	26	− 2
Eastern 1. SCOTLAND, EAST ..	77	11	*	*	*	*	519	− 73	624	+ 20	94	+11	14·09	+2·21	655	+ 57	34	+ 3
Eastern 2. ENGLAND, N.E. ..	77	18	*	*	*	*	650	+ 38	464	− 22	87	+10	9·27	0·00	699†	+ 43†	36	+ 2†
Eastern 3. ENGLAND, EAST ..	75	23	*	*	*	*	729	− 38	413	−119	82	+ 6	9·52	+0·68	747	+ 87	39	+ 4
Eastern 4. MIDLAND COUNTIES	79	18	*	*	*	*	765	− 22	486	− 56	85	+ 9	10·24	−0·21	657	+ 62	34	+ 3
Eastern 5. ENGLAND, SOUTH ..	78	20	*	*	*	*	802	− 43	351	− 39	87	+12	12·13	+1·71	788	+104	41	+ 5
Western 6. SCOTLAND, WEST ..	78	14	*	*	*	*	614	− 27	419	− 2	96	+ 7	21·53	+2·55	636	+ 28	33	+ 2
Western 7. ENGLAND, N.W. ..	74	16	*	*	*	*	652	− 60	379	− 13	92	+11	16·31	+4·05	637	+ 40	33	+ 2
Western 8. ENGLAND, S.W. ..	76	19	*	*	*	*	796	− 42	327	+ 31	94	+14	19·28	+4·41	756	+107	39	+ 6
Western 9. IRELAND, NORTH ..	73	20	*	*	*	*	617	−121	355	+ 1	119	+21	17·49	+3·30	598	+ 5	31	0
Western 10. IRELAND, SOUTH ..	77	24	*	*	*	*	858	− 45	264	0	105	+16	16·02	−0·63	678	− 6	35	0
11. CHANNEL ISLANDS..	75	27	*	*	*	*	945	− 72	79	− 35	100	+13	13·65	+0·61	846	+ 45	44	+ 2

† Corresponding values for the previous week have been altered owing to the receipt of further information.

Bright Sunshine.—For certain of the Districts the values of Bright Sunshine in this Table are based on the records from a part only of the Stations included in the Tables under II. and IV. For certain of the Stations Mean Values are not available, and for the Districts containing these Stations the "Difference from Average" is based on the records from a smaller number of Stations than those supplying the values for "Hours Recorded."

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II.—DATA from which the SUMMARY on page 133 has been calculated.

June 3-9, 1906. Districts.	Names of Stations.	Temperature. In Degrees Fahrenheit.								Rainfall.			Bright Sunshine.			
		Highest observed.	Lowest observed.	Averages for the Week. Of Highest each day.	Of Lowest each day.	For whole of each day.	Difference of Daily Average from Mean for the Week.	Accumulated Heat for the Week (in Day-degrees). Above 42°	Below 42°	Number of Rain-Days.	Rainfall in the Week.	Difference from the Mean for the Week.	Number of Hours recorded.	Difference from the Mean for the Week.	Percentage of possible duration.	Difference from the Mean for the Week.
		°	°	°	°	°	°	Day-deg	Day-deg		Inches.	Inches.	Hrs.	Hrs.	%	%
0. SCOTLAND, N.	†Sumburgh Head (Deerness)	55	42	51·6	44·3	47·7	− 0·2	40	0	2	0·05	− 0·38	22·9	− 14·6	18	− 12
	Wick	65	41	57·6	44·9	50·8	+ 0·4	62	0	0	0·00	− 0·42	*	*	*	*
	†Lairg (Strathpeffer) Ⓢ	76	40	66·5	44·1	54·5	+ 3·9	88	0	0	0·00	− 0·51	*	*	*	*
	Stornoway	63	39	58·4	46·6	52·1	+ 1·5	71	0	2	0·04	− 0·50	30·4	− 12·7	25	− 10
	Glencarron	68	41	62·2	45·1	53·1	+ 1·5	78	0	2	0·06	− 0·90	*	*	*	*
	Fort Augustus Ⓢ	71	34	62·6	43·4	52·3	− 0·4	72	0	1	0·01	− 0·46	46·7	+ 15·5	38	+ 13
	Fort William Ⓢ	68	37	64·1	44·7	53·7	+ 0·7	82	0	0	0·00	− 0·92	*	*	*	*
1. SCOTLAND, E.	Nairn	73	33	63·1	42·6	52·1	− 0·4	71	0	2	0·02	− 0·40	*	*	*	*
	Aberdeen	70	45	61·1	47·9	54·0	+ 2·2	84	0	1	0·01	− 0·42	41·4	− 2·2	34	− 2
	†Balmoral (Crathes) Ⓢ	71	35	65·7	43·6	53·9	+ 3·7	83	0	1	0·01	− 0·54	46·2	—	38	—
	†Clathick (Balruddery) Ⓢ	77	38	70·2	45·0	56·7	+ 2·9	103	0	0	0·00	− 0·63	52·3	—	43	—
	†Leith (Edinburgh)	73	45	66·0	47·3	56·0	+ 2·2	98	0	1	0·02	− 0·41	52·8	+ 17·0	44	+ 14
	Marchmont Ⓢ	73	37	65·7	45·0	54·6	+ 3·0	88	0	1	0·25	− 0·31	54·6	+ 12·6	46	+ 11
2. ENGLAND, N.E. Northern part.	†Alnwick Castle (Cockle Park)	70	35	63·2	44·6	53·3	+ 1·3	79	0	0	0·00	− 0·49	52·4	—	44	—
	†Shields (Newcastle)	70	42	60·1	46·0	52·6	− 0·1	74	0	0	0·00	− 0·40	42·5	+ 9·3	36	+ 8
	Durham	69	34	64·7	43·6	53·4	+ 0·3	80	0	0	0·00	− 0·45	60·9	+ 21·2	52	+ 18
	Scarborough Ⓜ	67	43	60·4	47·0	53·2	+ 0·2	78	0	0	0·00	− 0·44	56·1	—	48	—
	York	74	39	68·3	45·3	56·0	+ 1·1	98	0	0	0·00	− 0·46	56·2	+ 15·3	48	+ 13
Southern part.	†Spurn Head (Saltburn)	63	45	57·7	47·4	52·2	− 1·5	71	0	0	0·00	− 0·34	57·8	—	49	—
	†Lincoln (Skegness)	76	37	68·1	43·4	54·9	− 1·6	90	0	0	0·00	− 0·46	64·1	—	55	—
	†Fulbeck (Rauceby)	77	35	69·0	43·1	55·1	− 1·3	92	0	0	0·00	− 0·44	65·1	—	57	—
3. ENGLAND, E. Northern part.	(Cromer)												51·6	—	45	—
	Hillington Ⓜ	74	35	65·7	40·7	52·3	− 2·9	78	4	0	0·00	− 0·48	67·5	+ 21·5	59	+ 19
	†Yarmouth (Lowestoft)	61	41	56·7	47·9	52·0	− 2·4	70	0	1	0·02	− 0·41	65·2	—	57	—
	Geldeston	66	34	60·9	41·6	50·6	− 4·1	62	1	1	0·01	− 0·41	64·6	+ 15·9	56	+ 14
Southern part.	(Dunmow)												83·5	—	73	—
	Cambridge	75	33	66·9	39·9	52·5	− 3·8	82	6	0	0·00	− 0·49	75·9	+ 29·7	67	+ 26
	Felixstowe	67	40	59·8	44·3	51·5	− 4·6	67	0	0	0·00	—	82·4	—	72	—
	Clacton-on-Sea	69	40	59·9	45·9	52·4	− 4·3	73	0	0	0·00	—	80·3	—	70	—
	Rothamsted	72	35	66·1	41·7	53·1	− 1·9	79	1	0	0·00	− 0·50	77·3	+ 32·4	68	+ 28
	†Shoeburyness (Southend)	73	39	62·3	44·6	52·8	− 4·3	76	0	0	0·00	− 0·39	75·8	—	67	—
	London, Westminster	72	43	67·7	47·0	56·6	− 0·7	102	0	0	0·00	− 0·47	78·8	+ 40·2	69	+ 35
4. MIDLAND COUNTIES. Eastern part.	Harrogate	73	37	66·9	44·1	54·7	+ 1·8	89	0	0	0·00	− 0·54	70·8	—	61	—
	†Bawtry (Worksop)	77	34	72·4	41·4	55·8	+ 0·6	99	2	0	0·00	− 0·45	61·9	+ 23·5	53	+ 20
	Nottingham	75	33	68·0	42·1	54·1	− 1·5	85	0	0	0·00	− 0·47	61·8	—	54	—
	†Colly Weston (Oundle)	79	35	69·4	42·6	55·1	− 0·5	92	0	1	0·02	− 0·42	67·1	—	58	—
	Birmingham, Edgbaston	70	42	65·5	46·0	55·1	+ 0·6	92	0	0	0·00	− 0·56	55·5	—	48	—
	Oxford	77	38	69·4	44·1	55·9	− 0·3	97	0	0	0·00	− 0·49	77·4	+ 32·5	68	+ 29
Western part.	†Cheadle (Sheffield) Ⓜ	71	41	66·1	45·8	55·2	+ 1·2	92	0	0	0·00	− 0·60	59·3	—	51	—
	Shrewsbury	74	39	69·6	41·5	54·6	− 1·3	90	1	0	0·00	—	*	*	*	*
	Hereford Ⓜ	74	38	69·3	42·5	55·0	− 0·9	91	0	0	0·00	− 0·50	*	*	*	*
	Cirencester	73	39	67·8	43·3	54·7	+ 0·2	89	0	0	0·00	− 0·54	80·4	+ 40·6	76	+ 36
	Bath	73	40	69·9	43·7	55·9	− 1·4	97	0	0	0·00	− 0·52	80·2	—	70	—
5. ENGLAND, S.	(Margate)												68·2	+ 24·3	60	+ 21
	Kew	73	40	67·5	45·1	55·5	− 1·0	95	0	0	0·00	− 0·47	79·9	+ 33·8	70	+ 30
	Wisley, Surrey	74	34	68·5	40·7	53·6	− 3·0	87	4	0	0·00	—	81·3	—	72	—
	†Swarraton (Ventnor) Ⓜ	73	35	69·2	41·2	54·2	− 0·1	89	2	0	0·00	− 0·50	85·1	+ 37·6	76	+ 34
	Tunbridge Wells Ⓜ	69	28	66·0	40·8	52·5	− 2·9	79	3	0	0·00	− 0·50	79·9	+ 33·1	71	+ 29
	†Dungeness (Littlestone)	69	42	60·3	45·7	52·5	− 3·1	74	0	0	0·00	− 0·33	76·0	—	67	—
	Hastings	69	41	64·7	46·1	54·8	− 0·9	90	0	0	0·00	− 0·40	81·8	+ 28·5	72	+ 25
	Southampton	78	41	70·8	46·4	57·8	− 0·5	111	0	0	0·00	− 0·47	86·6	+ 37·3	77	+ 33
	†Portland Bill (Worthing)	63	49	59·3	51·1	54·9	− 1·0	90	0	0	0·00	—	81·1	—	72	—
	(Eastbourne)												82·8	+ 31·2	73	+ 28
6. SCOTLAND, W.	Laudale, Loch Sunart	69	40	63·4	45·6	53·9	+ 0·1	83	0	0	0·00	− 0·90	*	*	*	*
	Glasgow	70	44	65·8	48·0	56·3	+ 2·7	100	0	0	0·00	− 0·61	50·0	+ 12·2	42	+ 10
	Dumfries Ⓢ	78	43	72·2	46·1	58·2	+ 4·1	113	0	0	0·00	− 0·60	*	*	*	*
	Cally Ⓢ	74	40	71·2	41·4	55·3	+ 1·8	96	2	0	0·00	− 0·71	*	*	*	*
	Douglas, Isle of Man	69	45	64·5	46·6	54·9	+ 1·3	90	0	1	0·03	− 0·54	70·9	+ 19·4	61	+ 17
7. ENGLAND, N.W.	Aspatria	72	42	67·3	46·3	56·1	+ 1·3	99	0	0	0·00	− 0·57	77·1	—	65	—
	Newton Rigg	74	39	70·3	44·4	56·4	+ 3·8	101	0	0	0·00	− 0·47	77·6	+ 29·9	66	+ 25
	Stonyhurst	72	44	67·3	46·9	56·4	+ 2·4	101	0	0	0·00	− 0·68	69·1	+ 23·9	60	+ 21
	Blackpool Ⓜ	66	42	62·2	46·5	53·8	− 0·8	83	0	0	0·00	− 0·50	75·7	+ 29·5	65	+ 26
	Manchester, Prestwich	74	43	68·0	46·4	56·5	+ 2·3	102	0	0	0·00	− 0·63	61·4	+ 22·3	53	+ 19
	†Liverpool Obs. (Hoylake)	68	45	63·0	48·9	55·5	0·0	95	0	0	0·00	− 0·48	71·1	—	61	—
	†Hawarden Bridge (Southport)	—	—	—	—	—	—	—	—	—	—	—	69·5	—	60	—
NORTH WALES	Llandudno Ⓜ	70	47	64·5	49·4	56·4	+ 0·8	101	0	0	0·00	− 0·43	75·3	+ 28·1	65	+ 24
	†Holyhead (Aberdovey)	64	46	61·3	48·4	54·4	− 0·2	87	0	0	0·00	− 0·47	75·1	—	65	—
	Bettws-y-Coed	72	40	67·7	44·6	55·4	− 0·1	94	0	0	0·00	—	73·2	—	64	—
8. SOUTH WALES	Llangammarch Wells	74	37	69·1	39·8	53·4	− 1·0	89	6	0	0·00	—	74·0	—	65	—
	Pembroke	71	45	63·0	48·6	55·3	+ 1·2	93	0	0	0·00	− 0·46	84·2	+ 32·2	74	+ 28
	†Cardiff (Aberystwyth)	73	41	68·7	44·0	55·5	− 1·2	95	0	0	0·00	− 0·57	55·0	—	48	—
ENGLAND, S.W.	†Clifton (Torquay)	75	45	70·6	48·9	59·0	+ 2·1	119	0	0	0·00	− 0·49	83·0	+ 30·0	74	+ 27
	†Shaftesbury (Marlborough) Ⓜ	74	40	68·2	47·8	57·3	+ 3·3	107	0	0	0·00	− 0·53	83·0	+ 40·7	73	+ 36
	†Arlington (Newquay)	73	40	68·4	46·4	56·6	+ 2·7	102	0	0	0·00	− 0·68	*	*	*	*
	Cullompton Ⓜ	76	38	71·0	44·4	56·8	+ 0·9	104	0	0	0·00	− 0·54	81·8	+ 36·2	72	+ 32
	Plymouth	68	45	65·0	49·5	56·7	− 0·1	103	0	0	0·00	− 0·48	86·4	+ 37·3	77	+ 33
	Falmouth	70	47	61·7	50·7	55·8	+ 0·1	97	0	0	0·00	− 0·55	80·8	+ 27·7	72	+ 25
9 IRELAND, N. Western part.	Malin Head	66	45	59·6	46·4	52·5	− 0·5	74	0	1	0·01	− 0·46	*	*	*	*
	Edenfel	71	42	68·3	46·6	56·7	+ 3·5	103	0	0	0·00	− 0·65	*	*	*	*
	Blacksod Point	66	47	60·4	50·0	54·8	+ 0·7	90	0	0	0·00	− 0·60	*	*	*	*
	Markree Castle	70	44	65·4	47·8	56·0	+ 2·8	98	0	1	0·07	− 0·60	60·2	+ 19·9	52	+ 17
Eastern part.	Armagh	73	40	68·8	46·9	57·1	+ 3·3	106	0	0	0·00	− 0·55	55·4	+ 14·6	47	+ 13
	Donaghadee	66	44	59·6	45·9	52·3	− 1·3	72	0	0	0·00	− 0·52	*	*	*	*
10. IRELAND, S. Eastern part.	†Dublin, City (Phœnix Park)	70	48	67·9	51·6	59·2	+ 3·3	120	0	0	0·00	− 0·44	56·1	+ 10·0	48	+ 9
	Kilkenny	76	41	68·3	47·0	56·9	+ 2·1	104	0	0	0·00	− 0·56	*	*	*	*
	Waterford	75	46	69·4	48·0	58·0	+ 3·0	112	0	0	0·00	− 0·61	*	*	*	*
Western part.	Birr Castle	75	44	69·6	48·0	58·1	+ 3·5	113	0	0	0·00	− 0·57	48·5	+ 8·8	42	+ 8
	Foynes	63	44	61·2	48·7	54·5	− 0·4	88	0	1	0·09	− 0·46	*	*	*	*
	Killarney	77	40	72·1	48·1	59·3	+ 4·5	121	0	1	0·06	− 0·60	*	*	*	*
	Valencia	70	44	65·1	48·9	56·4	+ 1·4	101	0	1	0·02	− 0·78	81·4	+ 36·0	71	+ 32
	†Roches Point (Ballinacurra)	69	46	61·1	49·7	55·0	− 0·7	91	0	1	0·02	− 0·68	65·5	—	58	—
11. ENGLISH CHANNEL	Scilly, St. Mary's	62	51	59·0	52·1	55·3	− 0·4	93	0	0	0·00	− 0·41	76·6	+ 20·6	68	+ 18
	†Jersey, St. Aubins (St. Heliers)	73	45	67·9	50·3	58·5	+ 1·4	116	0	0	0·00	− 0·46	95·1	+ 38·8	86	+ 35
	Guernsey	70	48	64·3	49·1	56·2	+ 0·4	99	0	0	0·00	− 0·46	92·8	+ 34·8	84	+ 23

Information for Stations marked Ⓜ is supplied by the Royal Meteorological Society, and that for Stations marked Ⓢ is supplied by the Scottish Meteorological Society.

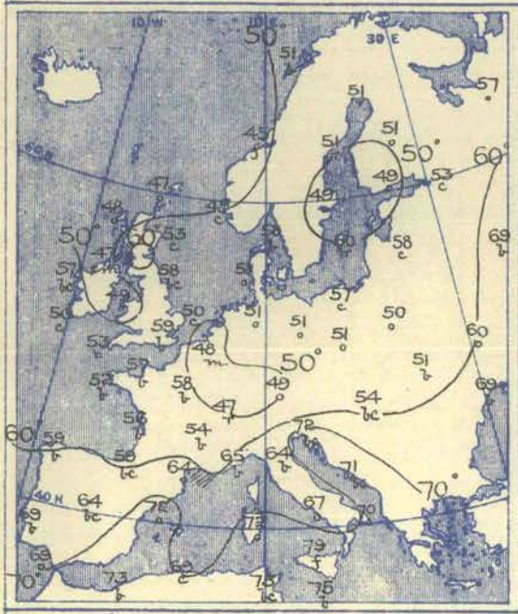
* An Asterisk is inserted in all places for which the information is not usually given.

† There is no Sunshine Recorder in use at this Station. The figures entered for Sunshine are those recorded at a Station in the same district of which the name is given in brackets.

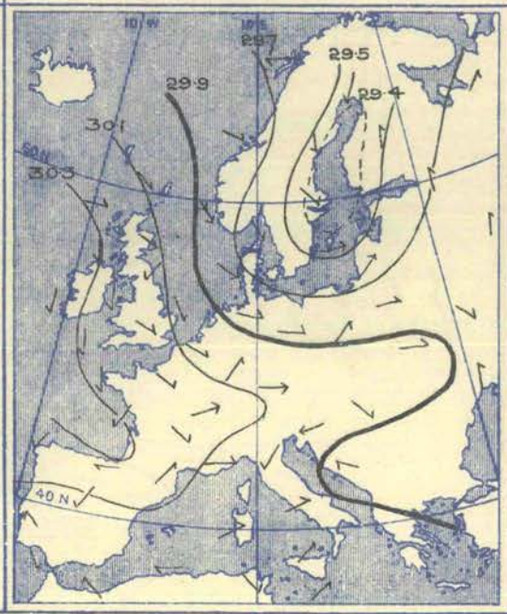
Additional Sunshine Totals for the week: Ramsgate, 71·0 hrs., 63 %; Brighton, 79·9 hrs. (+ 28·4), 71 % (+ 25 %); Bournemouth, 88·1 hrs., 78 %; Bognor, 85·6 hrs., 76 %; Rhyl, 79·4 hrs., 68 %; Tenby, 83·5 hrs. (+ 30·8) 73 % (+ 27 %).

Sunday, 3rd June, 1906.

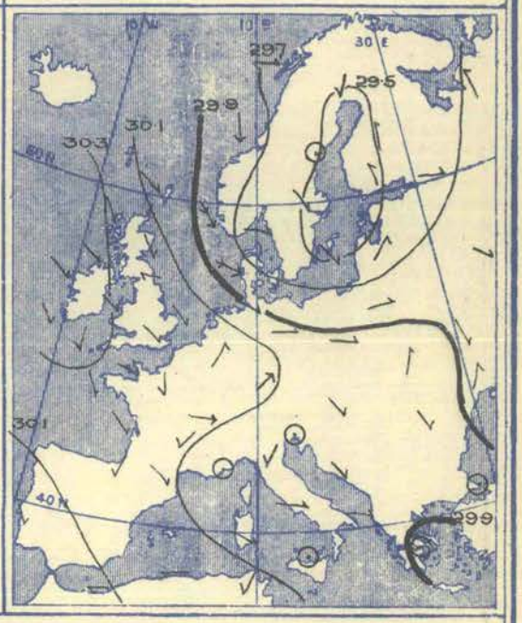
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine and bright in most parts of England and the southern regions of Europe. Cloudy or overcast elsewhere, with rain in Sweden, at Aix-la-Chapelle, and Belfort. Some slight showers falling later on our most northern coasts and heavier amounts of rain in Sweden, Finland, Russia, and at some German stations. Day extremely bright over the United Kingdom generally.

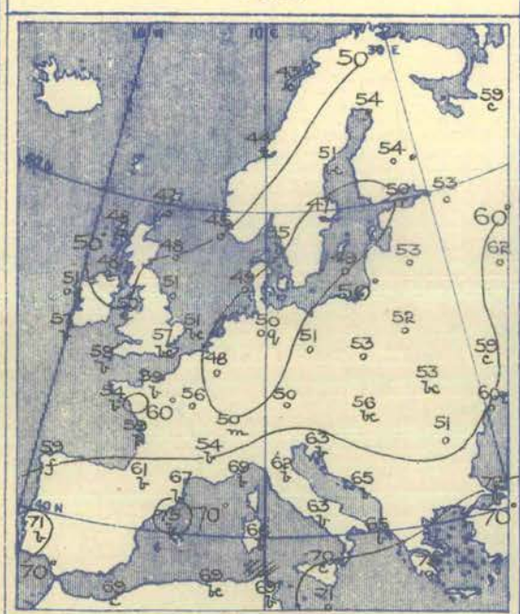
TEMPERATURE risen over Great Britain, fallen in nearly all Continental regions, changed little in Ireland. Readings in morning above 70° at various places on the shores of the Mediterranean and as high as 79° at Brindisi. Below 55° in most northern regions, but as high as 59° in London and 64° at Leith. Lowest values 47° at Belfort and Malin Head and 45° at Christiansund. Maxima during day 70° in London, 73° at Leith, about 75° in the south of France and the north of Italy, and nearly 90° at Athens, Brindisi, and Cagliari. Thermometer remaining below 60° at most German stations.

WIND at 8 a.m. Northerly or North-Westerly over the United Kingdom and western Europe generally; moderate to fresh in force as a whole, but a gale prevailing at Skudesnaes. Drawing into West over the central countries and into the Southward over Russia and Finland. Light and variable breezes general over the Mediterranean region. North-Westerly current increasing to a gale at Fanö by evening; little other change.

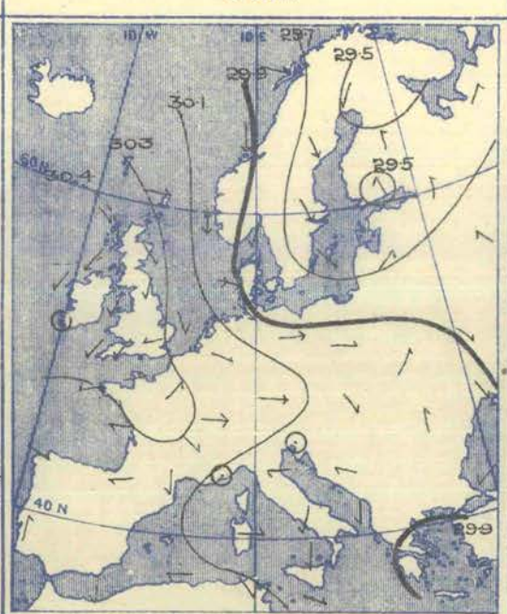
BAROMETER in morning above 30·3 ins. in an anticyclone extending from the Atlantic to Ireland and the Bay of Biscay. Below 29·4 ins. in a large elongated depression stretching from Gothland to the extreme north of Sweden. Gradients moderate or slight as a whole, but rather steep over many parts of northern Europe. Anticyclone spreading rather more to the eastward during day and northern depression decreasing a little in depth. Very little change in the general distribution.

Monday, 4th June, 1906.

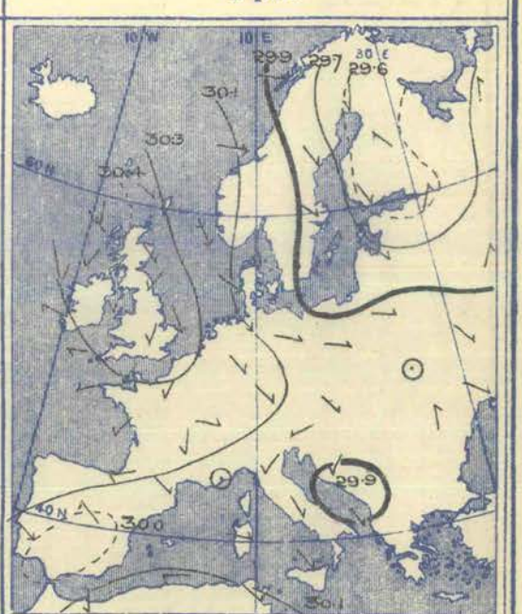
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. cloudy or overcast in Norway, many parts of central Europe and Russia, and also in the more western and northern districts of the United Kingdom. Rain falling at Vienna and Christiansund. Some rain experienced later at various stations in Germany, Russia, and Sweden, but weather continuing very dry and generally bright in most regions.

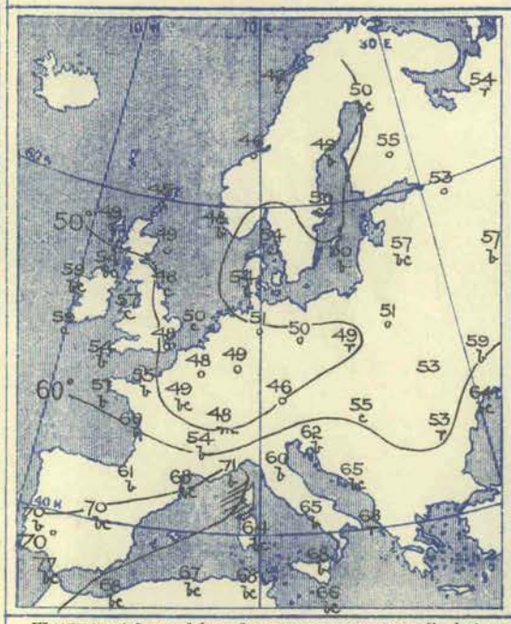
TEMPERATURE risen in Ireland, Wales, and the greater part of France. Fallen at most English and Scotch Stations and over Scandinavia. Readings in morning highest, 75° at Barcelona and Athens, 71° at Lisbon and Malta, and 69° at Nice. Lowest, 43° or 44° on the north-west coast of Norway; below 50° in the north of Scotland and at some stations in the Netherlands and Germany. Maxima during day 97° at Madrid and Tunis, above 80° at many southern stations, and as high as 70° on the south-west coast of Ireland. Maxima low in these Islands generally, and night very cold. Thermometer falling to 32° at Nairn and to 34° at Nottingham.

WIND in morning mainly Northerly to North-Easterly over our Islands and the western regions generally; light or moderate as a whole, but strong to a gale on the west coast of Norway and Fanö. Light or moderate cyclonic breezes prevailing over the north-east and south-east of our area. Little change later; wind becoming more Easterly on our own southern coasts.

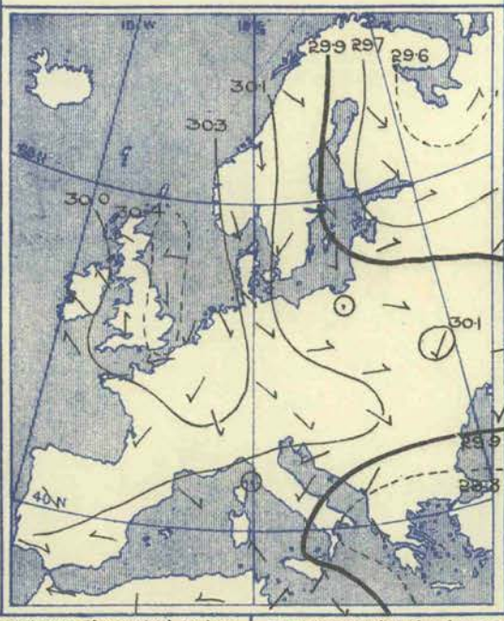
BAROMETER in morning above 30·3 ins. in an anticyclone having its central space over the United Kingdom and the northern half of France. Readings decreasing to less than 29·9 ins. over Turkey and to below 29·5 ins. over Finland and Lapland. Both high and low pressure systems becoming somewhat modified in form during day, but scarcely any change occurring in the general distribution. Pressure decreasing over the Bay of Biscay and on our south-west and west coasts.

Tuesday, 5th June, 1906.

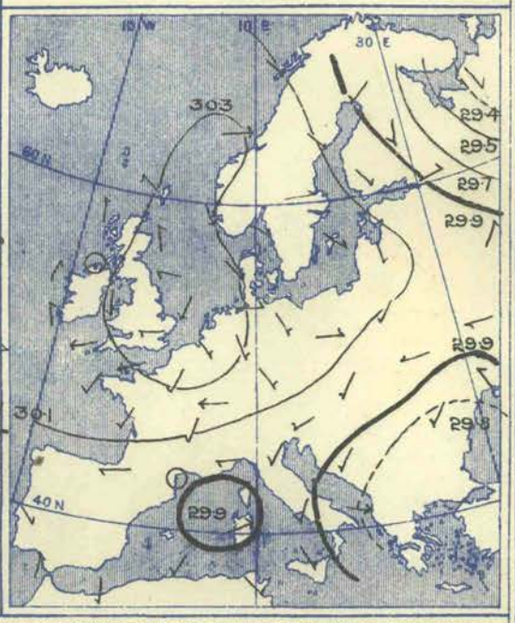
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fair or fine over our area generally, but overcast over the central regions and in the north of Russia, with rain at Breslau, Hermanstadt, and Archangel. Rain also falling at Brindisi. About an inch of rain experienced later at Lemberg, Hermanstadt, and Kieff, but conditions remaining very dry as a whole, and bright at nearly all our own and the French stations.

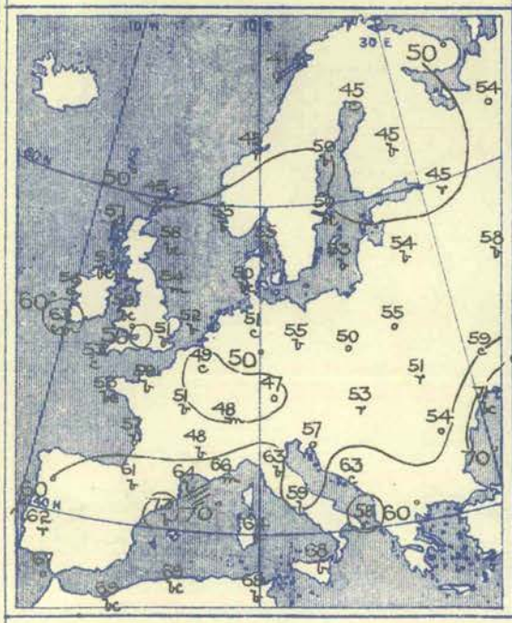
TEMPERATURE risen at several of our own western stations and fallen in the south of England and the adjacent portion of France. No decided change shown on the Continent. Readings at 8 a.m. 77° at San Fernando, 74° at Barcelona, 71° at Nice, and 70° at Madrid. Below 50° at many stations in the central countries and Great Britain, but only just below 60° on the west coast of Ireland. Lowest values 46° at Munich, 45° at Wick and Sumburgh Head, and 42° at Bodö. Thermometer rising to above 80° during day at some stations in the south-west and south of France and in some other southern localities, but maxima low over all the more northern regions, except in Ireland and the north-west of England—only 61° at Lowestoft and Skegness.

WIND in morning showing a very extensive anticyclonic circulation over the north-western countries and partial cyclonic movements in the north-east and south-east of our area; Northerly current fresh or strong in Norway, and that from the Eastward fresh on the shores of the English Channel. Scarcely any change later.

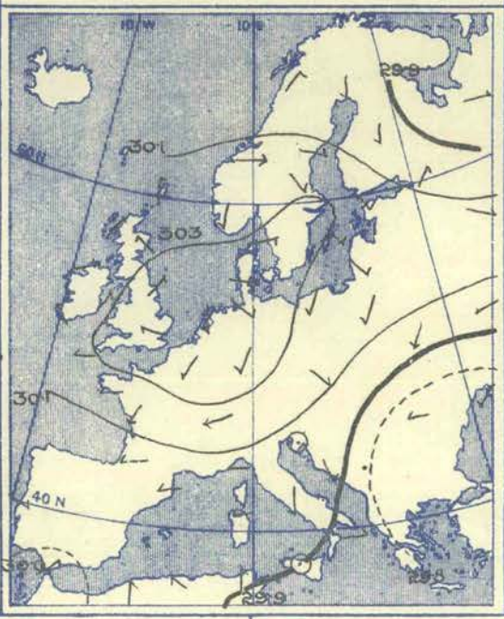
BAROMETER in morning ranging from above 30·4 ins. in a very large anticyclone having its centre over Great Britain to below 29·8 ins. in a depression over the Balkan Peninsula and to less than 29·6 ins. in another system in Finland. Very little change occurring in the intensity of the anticyclone, but pressure falling somewhat over these Islands generally Northern depression travelling away eastwards and apparently increasing in depth. A shallow area of low pressure appearing over Corsica and Sardinia.

Wednesday, 6th June, 1906.

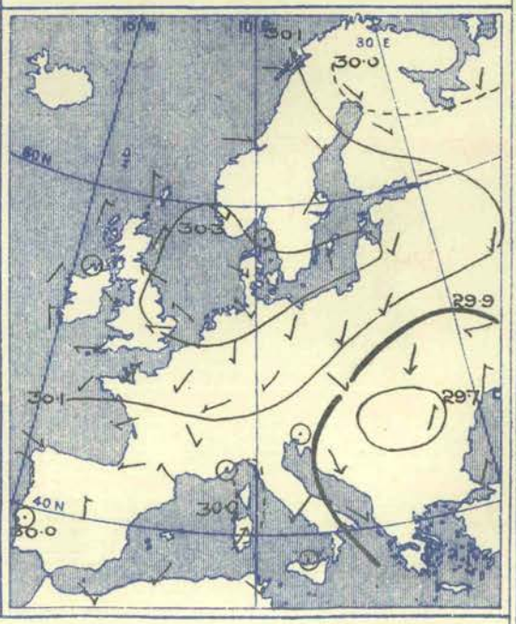
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fair to very fine over our area as a whole, but dull in many parts of Russia, Poland and Hungary, with rain in several places; rain also falling at Lisbon and slight showers at Roche's Point. As much as 1·3 in. of rain experienced later at Cracow, 0·9 in. at Vienna, and 0·7 in. at Buda-Pesth. Conditions continuing very fine generally.

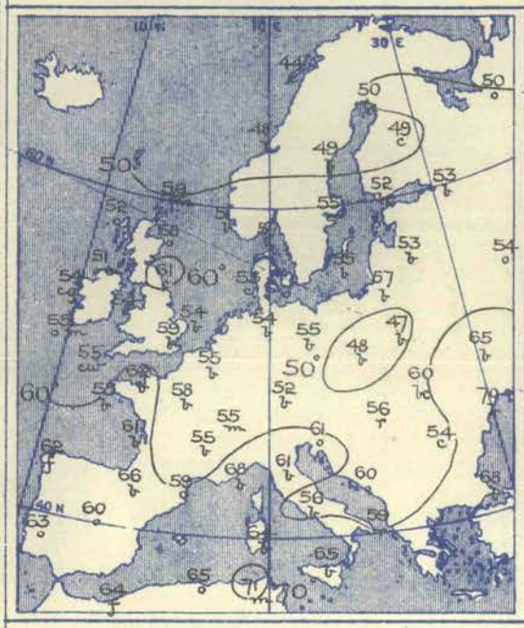
TEMPERATURE changed little and rather irregularly as a whole, but risen at most of our northern and eastern stations and fallen in Italy. Readings in morning highest, slightly above 70° in the south of Russia and at Barcelona and only a little lower in Algeria and Malta. Below 60° over our area generally, and below 50° in places. Lowest values 47° at Munich, 45° at St. Petersburg and Sumburgh Head, and 41° at Bodö. Rising to about 70° over Scotland and central England during day, to nearly 80° in Italy, and to above 80° at Madrid, in the south-west of France, and also at some Algerian stations.

WIND at 8 a.m. showing a vast anticyclone circulation around the North Sea and its neighbourhood and a partial cyclonic movement over the south-east of Europe. Latter system becoming more developed by evening and the Northerly current over Poland increasing in strength. Scarcely any change elsewhere.

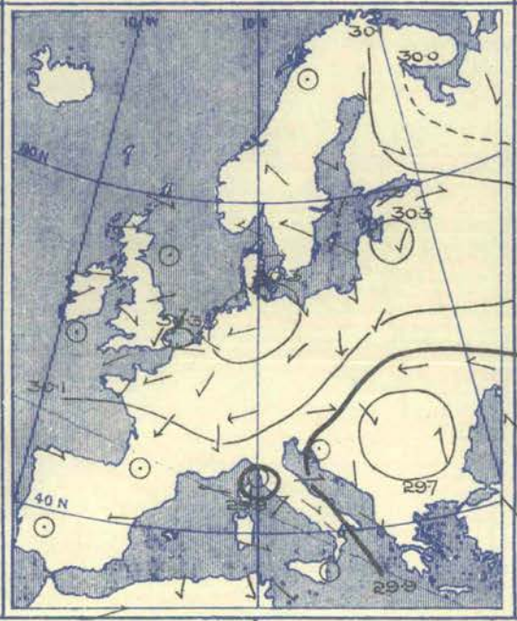
BAROMETER in morning ranging from above 30·3 ins. in a very large high pressure system having its central space over the North Sea and the Low Countries to below 29·9 ins. over the White Sea, and to below 29·8 ins. over the Black Sea and the south-east of our area generally. Anticyclone undergoing very little modification during day, but the depression in the south-east increasing considerably in depth and causing a steepening of the gradients on its western and northern sides. A somewhat decided fall of the mercury taking place in the south-west of France.

Thursday, 7th June, 1906.

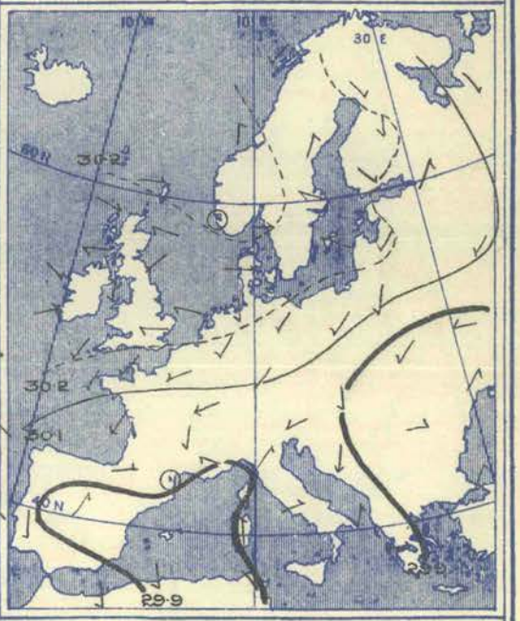
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. cloudy or overcast, with rain in places in the more south-eastern regions of Europe and also in the north-west of Norway. Fair or fine over our area generally, but cloudy or dull in Portugal and the west and north of the United Kingdom. Rain falling later over Austria-Hungary and Poland, as well as at Fanö and San Fernando. Weather remaining very fine generally.

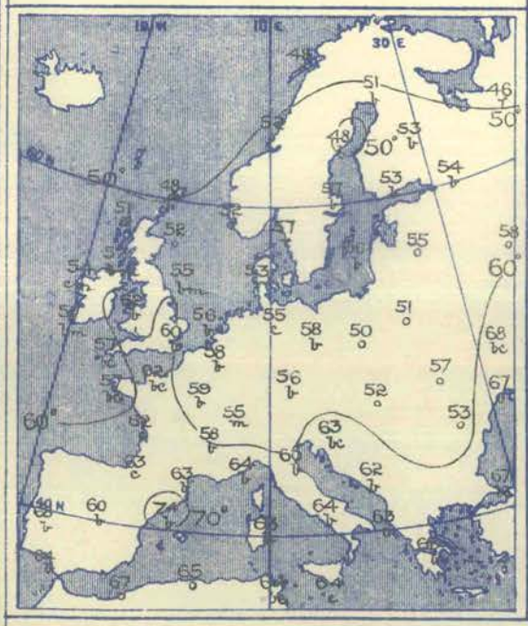
TEMPERATURE risen in most of the western and north-western countries and also in Finland; changed irregularly elsewhere. Morning readings highest 71° at La Calle, 70° at Odessa, 69° at Barcelona, and 68° at Nice and Constantinople. Highest in our Islands 62° at Jersey and 61° at North Shields. Below 50° in some of the central parts of Europe and towards the north of Scandinavia; lowest value 44° at Bodö. Thermometer touching or exceeding 70° in various parts of Great Britain during day and rising to a similar value in Germany. Maxima above 80° in the south-west of France.

WIND in morning circulating anticyclonically over all the north-western countries, but varying a good deal locally. A well defined cyclonic movement prevailing over the south-east of our area, but no force beyond a fresh breeze. No important change during day.

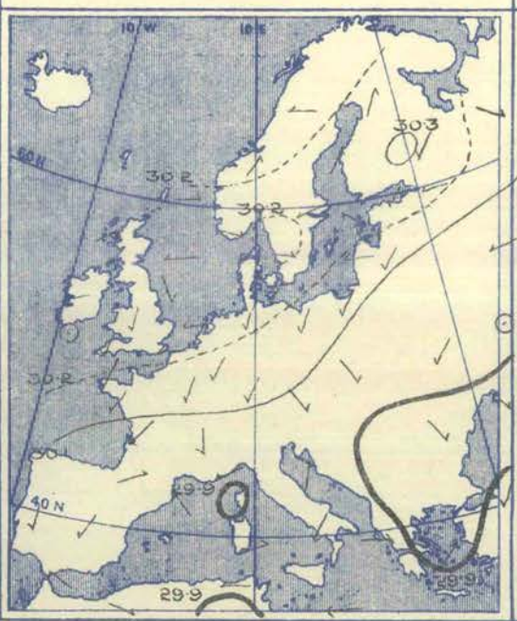
BAROMETER in morning highest, above 30·3 ins. in the south-east of England, the Netherlands, Denmark, and North Germany. Lowest, 29·7 ins. and less in a depression having its centre over the south of Hungary. Relatively low over the Mediterranean and White Sea. Barometer falling slightly within the region of highest pressure during day, but scarcely any change in the general distribution taking place. Hungarian depression partially dispersing by evening and gradients decreasing over the central countries.

Friday, 8th June, 1906.

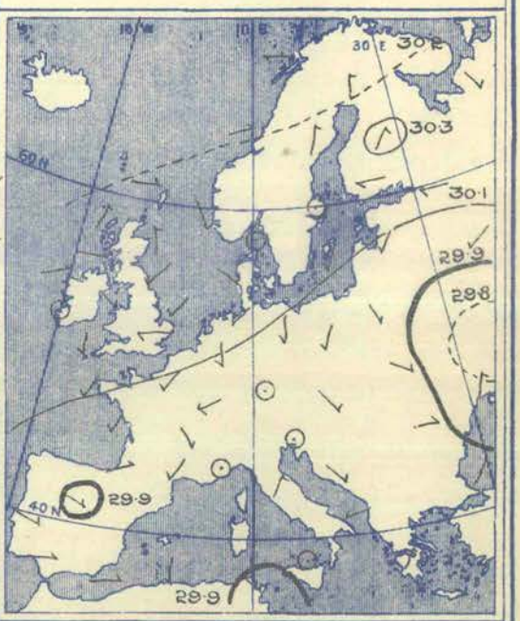
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fair or fine generally, but cloudy or overcast in Russia, with rain at Archangel, and in Denmark. Slight falls of rain experienced later in various parts of Germany and Russia, as much as and 0·4 in. at Cracow and Bodö. Conditions continuing very fine and bright as a whole.

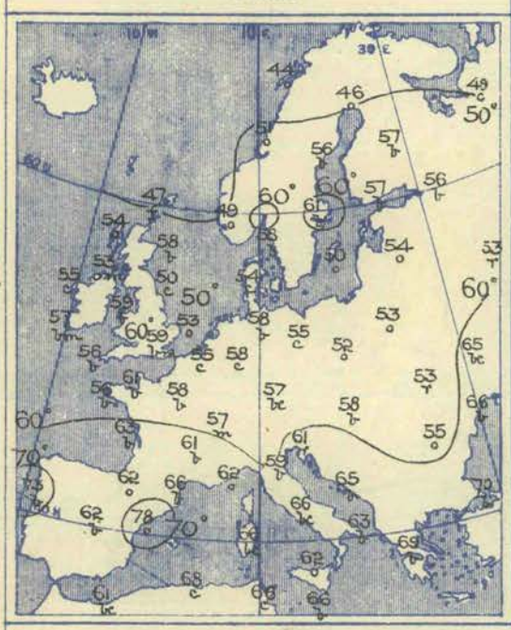
TEMPERATURE fallen in the north of our Islands, risen in most other regions. Readings in morning above 60° at some of our own western stations and over southern Europe, and as high as 74° at Barcelona. Only 50° at Vienna and below that point at Sumburgh Head and at a few places in the extreme north of the Continent. Rising later to 75° at Birr Castle and Nottingham, to 77° at Oxford and at some stations in southern Europe, and to about 80° in places. Highest reading 88° at Rochefort.

WIND in morning Westerly or South-Westerly at some stations in the far north of our area, but from between North-East and East over our area as a whole. Scarcely any force beyond a light breeze. No change of importance later in day.

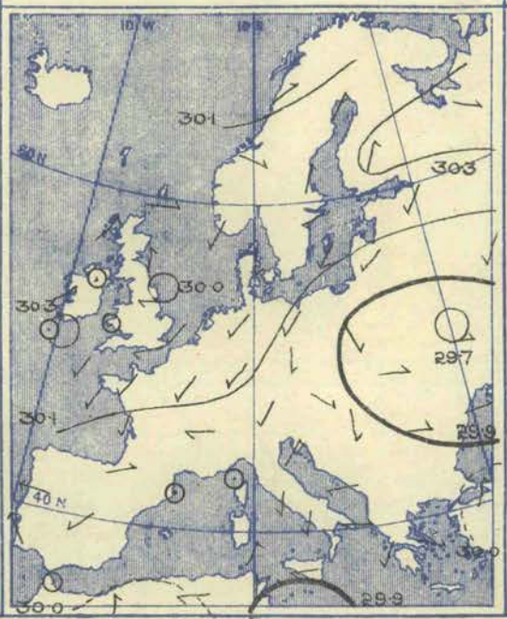
BAROMETER at 8 a.m. above 30·3 ins. in a vast band of high pressure extending from the Atlantic across our Islands to beyond Finland, but below that value in a shallow depression over the Skager Rack. Below 29·9 ins. in a small depression over the Gulf of Lyon, and also in a large system covering the south of Russia and most of the countries of south-eastern Europe. No change taking place in the general distribution during day, but barometer becoming lower in the south-east of Europe.

Saturday, 9th June, 1906.

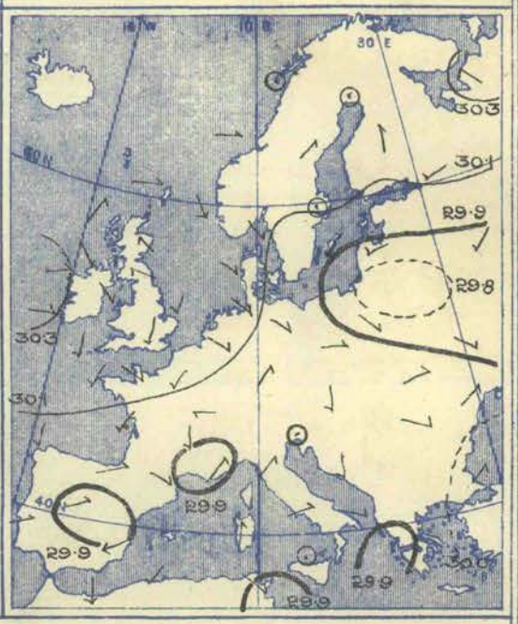
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fair or fine as a whole, but cloudy or overcast in places, especially over the central regions of the Continent; rain falling at Lemberg. Rather considerable amounts of rain experienced later in various parts of Germany, the east of France and north of Italy, and as much as 0·9 in. at Riga. Conditions continuing very fine over the United Kingdom.

TEMPERATURE in morning showing no regular or decided change. Readings ranging from 78° at Barcelona, 73° at Oporto, and 70° at Sfax and Constantinople to below 60° over our area generally, and to less than 50° in the far north of Europe and at two or three of our own stations. Lowest value, 44° at Bodö. Maxima during day, 72° at Hernösand, 73° at Bath, Jersey, and Paris, and 74° at Birr Castle; about 80° or a little higher at several stations in the south of Europe, and as high as 88° at Rochefort. Thermometer remaining below 60° on the east coast of England.

WIND in morning showing a light anticyclonic movement over all the northern and north-western regions of Europe, and a light cyclonic circulation in the east and south-east. Light variable airs prevailing over the Mediterranean region. No change of importance occurring later in day.

BAROMETER in morning above 30·2 ins. to 30·3 ins. in a very extensive band stretching from beyond our western coasts north-eastwards to the extreme north of Russia. About 30·0 ins. or below in the southern countries and also in Finmark, and below 29·7 ins. in a large depression having its minimum near Kieff. Latter system moving north-westwards during day and other low pressure areas appearing in different parts of southern Europe. Pressure increasing briskly in the far north of Norway.

IV.—TEMPERATURE on the Grass, and in the Ground.

	STATION.	Grass Min.		Mean Earth Temp.	
		No. of Obs. of 30° or less.	Lowest reading.	At 1 foot.	At 4 feet.
			°	°	°
2.	York	—	—	55·2	50·3
	Hull	0	32	54·4	50·4
3.	Cambridge	3	28	—	—
	Dunmow	2	28	—	—
4.	Harrogate	0	32	52·7	49·7
	Sheffield	0	33	54·4	48·1
	Birmingham	0	32	51·4	47·8
	Nottingham	0	31	57·0	51·0
5.	Kew	2	30	56·1	52·2
	Canterbury	0	35	54·8	53·3
	Portsmouth	0	39	58·6	54·3
6.	Glasgow	0	32	—	—
7.	Newton Rigg	0	34	57·1	49·9
	Bettws-y-Coed	0	39	54·4	49·9
	Manchester (Oldham Road)	0	40	56·2	50·8
8.	Llangammarch Wells	—	—	55·5	49·4
	Bath				
	Plymouth	0	40	59·7	—
9.	Armagh	0	32	56·5	51·2
	Markree	0	40	56·8	—
10.	Dublin, Trin. Coll.	0	41·0	56·2	52·0
11.	Guernsey, Brooklyn				

V.—OBSERVATIONS IN THE UPPER AIR.—Temperature, Humidity and Wind Velocity.

Date of Observation.	Station and its Height above M.S.L.		Heights in feet above Mean Sea Level.							Remarks.
			Ground Level.	1,660.	3,320.	5,000.	6,660.	8,320.	10,000.	
1906. June 3rd, 11.34 a.m. to 12.20 p.m.	Brighton, 380 ft.	Temperature F.	59°	54°						
		Humidity	70	90						
		Wind Velocity, m. per hr.	N	N 25						
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.	Not sufficient at Oxshott during week to raise a kite.							
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								

63, Victoria Street, London, S.W.
June 13th, 1906.

W. N. SHAW,
Director.

ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE,

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TWENTY-NINTH YEAR. Vol. XXIII. (New Series.) } No. 24. TWENTY-FOURTH WEEK, ENDING SATURDAY, JUNE 16TH, 1906. [Price 6d. Annual Subscription post paid £1 10s. 0d.

I.—GENERAL REMARKS.

Weather was fair and dry generally, although there was a considerable amount of cloud in the eastern and southern counties of England, and some rain fell in all districts. Thunderstorms occurred at several stations in the north of England on the 12th and in various parts of central and southern England on Saturday.

Temperature was below the average over the greater part of England as well as in Ireland N. and the Channel Islands; elsewhere there was an excess. In England E. the deficit was more than 4°. The highest of the maxima were registered generally during the earlier half of the week. In Scotland W. (at Dumfries) the thermometer rose to 83°, and in Scotland E. and England N.E. (at Clathick and Fulbeck respectively) to 82° and 80°. Elsewhere the readings were below 80°, and in the Channel Islands no higher than 66°. The lowest of the minima occurred on irregular dates, and ranged from 33° in Scotland E. and 36° in Scotland N. to slightly above 40° over the greater part of England, and 46° in the Channel Islands. The extreme range of temperature in Scotland was unusually large—43° in the west and 49° in the north.

Rainfall exceeded the average in England N.E., but was below it over the country generally. In most of the western and northern districts the fall was generally slight.

Bright Sunshine exceeded the average in most of the western and northern districts, but only equalled it in the Midland Counties, and was deficient in England N.E., E. and S. The percentage of the possible duration ranged from 51° in Ireland S. and 48° in England S.W., and Scotland W. to 30° in England S. and E.

Barometer and Wind.—Until almost the end of the week the distribution of pressure was anticyclonic, the barometer being highest over our western and north-western districts or the adjacent portion of the Atlantic. By Friday, however, our south-eastern and eastern districts had come under the influence of a depression travelling westwards from Germany, while during the following day our southern and south-western districts were also affected. The general direction of the wind was Northerly in the north, and North-Easterly in the south and south-east, and the force light or moderate, but a light Westerly breeze prevailed in the extreme north of Scotland early in the week.

SUMMARY OF TEMPERATURE, RAINFALL, AND DURATION OF BRIGHT SUNSHINE IN THE UNITED KINGDOM, FOR AGRICULTURAL AND SANITARY PURPOSES.

THE WEEK (24th)—June 10th to June 16th, 1906.

DISTRICTS. (See p. 140.)	Temperature. Highest.	Lowest.	Means of Daily Max.	Daily Min.	Daily Mean.	Difference from Av. (35 Yrs.)	Accumulated. Number of Day-Degrees. Above 42°	Difference from Av. (25 Yrs.)	Below 42°	Difference from Av. (25 Yrs.)	Rainfall. Number of Rain-Days.	Diff. from Av. (35 Yrs.)	Total Fall.	Difference from Average (35 Yrs.)	Sunshine. Hours recorded.	Diff. from Av. (25 Yrs.)	Percentage of Possible Duration	Diff. from Av. (25 Yrs.)
	°	°	°	°	°	°	Day-deg.	Day-deg.	Day-deg	Day-deg.			Inches.	Inches.			%	%
0. SCOTLAND, NORTH ..	78	36	62·0	46·9	53·9	+ 1·6	83	+ 14	0	− 1	1	− 3	0·03	−0·58	44	+ 7	36	+ 6
Eastern 1. SCOTLAND, EAST ..	82	33	65·2	47·5	55·7	+ 2·0	96	+ 16	0	0	2	− 1	0·23	−0·29	51	+ 8	42	+ 7
Eastern 2. ENGLAND, N.E. ..	80	42	61·4	48·0	54·3	− 1·3	86	0	0	0	3	0	0·55	+0·10	37	− 3	31	− 3
Eastern 3. ENGLAND, EAST ..	72	38	60·4	46·7	53·1	− 4·2	78	− 22	0	0	3	0	0·36	−0·12	34	− 7	30	− 6
Eastern 4. MIDLAND COUNTIES	79	42	65·2	46·9	55·4	− 1·3	94	− 8	0	0	3	0	0·54	0·00	38	0	33	0
Eastern 5. ENGLAND, SOUTH ..	75	38	61·9	46·6	53·7	− 3·6	82	− 26	0	0	3	0	0·36	−0·12	35	− 11	30	− 9
Western 6. SCOTLAND, WEST ..	83	40	68·6	48·3	57·8	+ 2·8	111	+ 24	0	0	1	− 2	0·15	−0·55	57	+ 13	48	+11
Western 7. ENGLAND, N.W. ..	78	42	65·2	50·1	57·2	+ 1·2	106	+ 11	0	0	2	− 1	0·17	−0·37	51	+ 4	44	+ 4
Western 8. ENGLAND, S.W. ..	76	42	65·3	49·6	56·9	+ 0·2	104	+ 3	0	0	2	− 1	0·37	−0·20	54	+ 8	48	+ 7
Western 9. IRELAND, NORTH ..	78	41	61·7	47·7	54·2	− 0·5	85	− 6	0	0	1	− 3	0·08	0·52	49	+ 9	42	+ 8
Western 10. IRELAND, SOUTH ..	79	43	68·1	51·0	58·9	+ 2·6	118	+ 18	0	0	2	− 1	0·12	−0·52	58	+ 17	51	+14
11. CHANNEL ISLANDS..	66	46	61·6	51·4	56·2	− 1·2	99	− 9	0	0	2	− 1	0·09	−0·38	51	− 6	45	− 6

THE SEASON (**Summer**).—Aggregates, &c., for the Period of 2 Weeks, June 10th to June 16th, 1906.

0. SCOTLAND NORTH ..	78	34	*	*	*	*	153	+ 22	0	− 3	2	− 5	0·05	−1·17	78	+ 3	31	+ 1
Eastern 1. SCOTLAND, EAST ..	82	33	*	*	*	*	184	+ 33	0	− 2	3	− 3	0·28	−0·74	100	+ 17	41	+ 7
Eastern 2. ENGLAND, N.E. ..	80	34	*	*	*	*	169	+ 8	0	− 1	3	− 3	0·55	−0·34	96	+ 15	41	+ 6
Eastern 3. ENGLAND, EAST ..	75	33	*	*	*	*	152	− 38	0	− 1	3	− 3	0·36	−0·57	106	+ 21	46	+ 9
Eastern 4. MIDLAND COUNTIES	79	33	*	*	*	*	186	− 5	0	− 1	3	− 3	0·54	−0·51	107	+ 32	46	+14
Eastern 5. ENGLAND, SOUTH ..	78	28	*	*	*	*	170	− 35	0	0	3	− 3	0·36	−0·57	115	+ 23	51	+10
Western 6. SCOTLAND, WEST ..	83	40	*	*	*	*	207	+ 44	0	− 1	1	− 6	0·15	−1·24	118	+ 28	50	+12
Western 7. ENGLAND, N.W. ..	78	39	*	*	*	*	202	+ 23	0	0	2	− 4	0·17	−0·89	124	+ 31	53	+13
Western 8. ENGLAND, S.W. ..	76	37	*	*	*	*	204	+ 12	0	0	2	− 4	0·37	−0·74	131	+ 41	58	+18
Western 9. IRELAND, NORTH ..	78	40	*	*	*	*	175	+ 2	0	0	1	− 6	0·08	−1·10	107	+ 26	46	+11
Western 10. IRELAND, SOUTH ..	79	40	*	*	*	*	224	+ 34	0	0	3	− 4	0·14	−1·11	121	+ 35	53	+15
11. CHANNEL ISLANDS..	73	45	*	*	*	*	202	− 4	0	0	2	− 4	0·09	−0·82	139	+ 25	62	+11

THE YEAR.—Aggregates, &c., for the period of 24 Weeks, December 31st, 1905, to June 16th, 1906.

0. SCOTLAND, NORTH ..	78	8	*	*	*	*	455	−110	646	+ 88	120	+18	24·95	+4·36	546	− 26	27	− 1
Eastern 1. SCOTLAND, EAST ..	82	11	*	*	*	*	615	− 57	624	+ 20	96	+10	14·32	+1·92	706	+ 65	34	+ 3
Eastern 2. ENGLAND, N.E. ..	80	18	*	*	*	*	736	+ 38	464	− 22	90	+10	9·82	+0·10	736	+ 39	36	+ 2
Eastern 3. ENGLAND, EAST ..	75	23	*	*	*	*	807	− 60	413	−119	85	+ 6	9·88	+0·56	781	+ 80	38	+ 4
Eastern 4. MIDLAND COUNTIES	79	18	*	*	*	*	859	− 30	486	− 56	88	+ 9	10·78	−0·21	695	+ 62	34	+ 3
Eastern 5. ENGLAND, SOUTH ..	78	20	*	*	*	*	884	− 69	351	− 39	90	+12	12·49	+1·59	823	+ 94	40	+ 5
Western 6. SCOTLAND, WEST ..	83	14	*	*	*	*	725	− 3	419	− 2	97	+ 5	21·68	+1·99	693	+ 40	34	+ 2
Western 7. ENGLAND, N.W. ..	78	16	*	*	*	*	758	− 49	379	− 13	94	+10	16·48	+3·68	688	+ 44	33	+ 2
Western 8. ENGLAND, S.W. ..	76	19	*	*	*	*	900	− 39	327	+ 31	96	+13	19·65	+4·21	810	+115	40	+ 6
Western 9. IRELAND, NORTH ..	78	20	*	*	*	*	702	−127	355	+ 1	120	+18	17·57	+2·78	647	+ 14	31	+ 1
Western 10. IRELAND, SOUTH ..	79	24	*	*	*	*	976	− 27	264	0	107	+15	16·14	−1·15	736	+ 11	36	+ 1
11. CHANNEL ISLANDS..	75	27	*	*	*	*	1044	− 81	79	− 35	102	+12	13·74	+0·23	897	+ 39	44	+ 2

Bright Sunshine.—For certain of the Districts the values of Bright Sunshine in this Table are based on the records from a part only of the Stations included in the Tables under II. and IV. For certain of the Stations Mean Values are not available, and for the Districts containing these Stations the "Difference from Average" is based on the records from a smaller number of Stations than those supplying the values for "Hours Recorded."

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II.—DATA from which the SUMMARY on page 139 has been calculated.

June 10-16, 1906.

Districts.	Names of Stations.	Temperature. In Degrees Fahrenheit.								Rainfall.			Bright Sunshine.			
		Highest observed.	Lowest observed.	Averages for the Week. Of Highest each day.	Of Lowest each day.	For whole of each day.	Difference of Daily Average from Mean for the Week.	Accumulated Heat for the Week (in Day-degrees). Above 42°	Below 42°	Number of Rain-Days.	Rainfall in the Week.	Difference from the Mean for the Week.	Number of Hours recorded.	Difference from the Mean for the Week.	Percentage of possible duration.	Difference from the Mean for the Week.
		°	°	°	°	°	°	Day-deg	Day-deg		Inches.	Inches.	Hrs.	Hrs.	%	%
0. SCOTLAND, N.	†Sumburgh Head (Deerness) ..	57	44	53·4	45·9	49·4	+ 0·4	52	0	4	0·06	− 0·36	36·6	+ 0·2	29	0
	Wick	67	45	59·7	47·6	53·2	+ 1·6	78	0	2	0·13	− 0·30	*	*	*	*
	†Lairg (Strathpeffer) .. Ⓢ	77	36	65·5	44·3	54·2	+ 2·0	85	0	1	0·01	− 0·53	53·8	+ 16·3	44	+ 13
	Stornoway	69	42	61·0	47·4	53·7	+ 1·9	82	0	1	0·01	− 0·56	34·0	− 9·1	27	− 7
	Glencarron .. .. Ⓢ	72	43	63·1	47·0	54·5	+ 1·5	88	0	0	0·00	− 0·95	*	*	*	*
	Fort Augustus .. .. Ⓢ	78	45	65·0	49·2	56·6	+ 2·5	102	0	0	0·00	− 0·45	52·4	+ 21·2	43	+ 17
	Fort William .. .. Ⓢ	71	41	66·0	46·9	55·8	+ 1·4	97	0	0	0·00	− 0·90	*	*	*	*
1. SCOTLAND, E.	Nairn	72	44	62·4	46·9	54·1	+ 0·3	85	0	2	0·15	− 0·28	*	*	*	*
	Aberdeen	68	47	61·4	48·6	54·6	+ 1·3	88	0	3	0·09	− 0·34	50·3	+ 6·6	41	+ 5
	†Balmoral (Crathes) .. Ⓢ	75	33	65·3	44·4	54·1	+ 2·5	85	0	2	0·10	− 0·45	50·1	—	41	—
	†Clathick (Balruddery) .. Ⓢ	82	38	72·7	47·6	59·3	+ 3·9	121	0	1	0·10	− 0·57	56·5	—	47	—
	†Leith (Edinburgh) .. .. Ⓢ	80	48	65·7	51·1	57·9	+ 2·7	111	0	1	0·41	− 0·04	51·1	+ 15·8	42	+ 13
	Marchmont .. .. Ⓢ	79	44	63·7	46·3	54·4	+ 1·3	87	0	3	0·51	− 0·06	45·2	+ 2·4	38	+ 2
2. ENGLAND, N.E. — Northern part.	†Alnwick Castle (Cockle Park)	76	42	62·2	46·8	54·0	+ 0·5	84	0	3	0·77	+ 0·28	40·1	—	34	—
	†Shields (Newcastle)	72	46	58·6	47·7	52·8	− 1·9	76	0	2	0·63	+ 0·21	25·7	− 7·5	22	− 6
	Durham	77	44	61·3	47·2	53·8	− 0·8	83	0	2	0·23	− 0·23	34·1	− 5·9	29	− 5
	Scarborough .. .. Ⓜ	65	47	59·4	48·7	53·7	− 1·9	82	0	3	0·16	− 0·28	40·0	—	34	—
	York	78	47	66·0	49·1	57·0	+ 0·6	105	0	3	0·12	− 0·36	40·7	− 0·4	35	0
2. ENGLAND, N.E. — Southern part.	†Spurn Head (Saltburn) ..	62	48	55·6	49·0	52·1	− 3·1	71	0	3	0·26	− 0·09	33·4	—	28	—
	†Lincoln (Skegness)	75	45	63·9	47·6	55·2	− 2·8	92	0	3	0·99	+ 0·52	28·7	—	25	—
	†Fulbeck (Rauceby)	80	44	64·5	47·5	55·4	− 2·1	94	0	4	1·20	+ 0·74	40·5	—	35	—
	(Cromer)												11·4	—	10	—
3. ENGLAND, E. — Northern part.	Hillington .. .. Ⓜ	70	38	60·1	45·8	52·5	− 4·2	74	0	3	0·60	+ 0·10	36·8	− 9·2	32	− 8
	†Yarmouth (Lowestoft) ..	60	47	57·0	49·1	52·8	− 3·0	76	0	5	0·22	− 0·22	32·6	—	28	—
	Geldeston	63	40	59·4	46·0	52·2	− 4·1	71	0	3	0·14	− 0·28	33·8	− 14·9	29	− 13
	(Dunmow)												39·7	—	35	—
3. ENGLAND, E. — Southern part.	Cambridge	72	40	62·8	45·8	53·7	− 4·0	82	0	3	0·48	− 0·05	42·6	− 3·8	37	− 3
	Felixstowe	66	43	60·3	45·9	52·6	− 4·7	74	0	3	0·59	—	34·6	—	30	—
	Clacton-on-Sea	64	45	58·4	47·1	52·4	− 5·7	73	0	3	0·50	—	32·4	—	28	—
	Rothamsted	71	41	62·6	45·4	53·4	− 3·0	80	0	5	0·27	− 0·26	41·6	− 3·5	36	− 3
	†Shoeburyness (Southend) ..	67	45	59·6	46·7	52·7	− 6·0	75	0	3	0·29	− 0·12	35·6	—	31	—
	London, Westminster ..	71	48	63·7	48·6	55·6	− 3·2	95	0	3	0·16	− 0·35	36·0	− 3·1	32	− 3
4. MIDLAND COUNTIES. — Eastern part.	Harrogate	75	45	62·8	47·4	54·6	+ 0·1	88	0	3	0·13	− 0·44	38·8	—	33	—
	†Bawtry (Worksop)	79	42	66·7	45·4	55·3	− 1·5	93	0	3	0·36	− 0·11	40·2	+ 1·8	35	+ 2
	Nottingham	78	44	64·7	47·6	55·6	− 1·6	95	0	4	0·99	+ 0·49	36·0	—	31	—
	†Colly Weston (Oundle) ..	74	42	64·7	44·9	54·1	− 3·1	85	0	4	0·87	+ 0·43	35·2	—	31	—
	Birmingham, Edgbaston ..	74	46	65·5	48·8	56·6	+ 0·2	102	0	4	0·65	+ 0·08	21·2	—	19	—
	Oxford	75	46	65·9	47·0	55·8	− 1·8	97	0	3	0·40	− 0·12	38·8	− 6·4	34	− 6
4. MIDLAND COUNTIES. — Western part.	†Cheadle (Sheffield) .. Ⓜ	74	43	63·8	47·6	55·1	+ 0·2	92	0	4	0·40	− 0·26	33·1	—	28	—
	Shrewsbury	77	43	66·7	47·3	56·3	− 1·1	100	0	2	0·73	—	*	*	*	*
	Hereford .. .. .. Ⓜ	75	42	65·7	46·8	55·6	− 1·7	95	0	4	0·49	− 0·05	*	*	*	*
	Cirencester	73	43	64·5	45·4	54·3	− 1·8	86	0	4	0·71	+ 0·15	50·0	+ 4·4	44	+ 4
	Bath	74	46	66·4	47·3	56·2	− 2·4	99	0	1	0·20	− 0·35	50·6	—	44	—
	(Margate)												20·6	− 22·8	18	− 20
5. ENGLAND, S.	Kew	71	46	63·8	47·2	54·9	− 3·2	90	0	3	0·29	− 0·23	37·7	− 8·1	33	− 7
	Wisley, Surrey	72	41	63·4	45·8	54·0	− 3·9	84	0	3	0·39	—	33·8	—	30	—
	†Swarraton (Ventnor) .. Ⓜ	71	38	64·4	41·9	52·4	− 3·4	73	0	3	0·46	− 0·08	38·1	− 6·9	34	− 6
	Tunbridge Wells .. Ⓜ	69	42	61·5	45·7	53·1	− 3·8	78	0	2	0·34	− 0·18	31·3	− 15·6	28	− 14
	†Dungeness (Littlestone) ..	59	44	56·9	47·9	52·1	− 4·8	71	0	4	0·47	+ 0·12	27·2	—	24	—
	Hastings	63	45	59·5	47·0	52·8	− 4·3	76	0	2	0·51	+ 0·07	27·4	− 25·9	24	− 23
	Southampton	75	46	66·7	47·5	56·4	− 2·3	101	0	3	0·19	− 0·31	49·0	− 0·3	43	0
	†Portland Bill (Worthing) ..	61	48	58·7	49·6	53·8	− 3·1	83	0	2	0·20	—	35·6	—	32	—
	(Eastbourne)												31·5	− 20·2	28	− 18
6. SCOTLAND, W.	Laudale, Loch Sunart ..	72	40	66·1	46·2	55·5	+ 0·6	95	0	0	0·00	− 0·94	*	*	*	*
	Glasgow	78	47	69·3	51·1	59·6	+ 4·7	123	0	1	0·02	− 0·64	55·6	+ 17·6	46	+ 15
	Dumfries .. .. .. Ⓢ	83	45	71·9	50·0	60·2	+ 4·7	127	0	1	0·36	− 0·24	*	*	*	*
	Cally .. .. .. Ⓢ	77	41	70·2	44·2	56·3	+ 1·5	100	0	1	0·26	− 0·48	*	*	*	*
	Douglas, Isle of Man	71	47	65·5	49·9	57·2	+ 2·5	106	0	2	0·13	− 0·47	59·0	+ 7·7	50	+ 7
7. ENGLAND, N.W.	Aspatria	76	45	67·0	49·9	57·9	+ 3·1	111	0	1	0·35	− 0·22	54·8	—	46	—
	Newton Rigg	78	43	68·6	47·3	57·2	+ 3·1	106	0	2	0·31	− 0·16	51·5	+ 3·0	43	+ 3
	Stonyhurst	75	47	66·1	50·4	57·7	+ 2·3	110	0	3	0·20	− 0·54	41·2	− 4·5	35	− 4
	Blackpool .. .. .. Ⓜ	70	42	63·5	49·0	55·8	− 0·2	97	0	2	0·10	− 0·41	53·9	+ 7·6	46	+ 7
	Manchester, Prestwich ..	78	47	66·7	49·3	57·4	+ 1·7	108	0	3	0·27	− 0·39	43·2	+ 4·0	37	+ 3
	†Liverpool Obs. (Hoylake) ..	69	46	63·0	51·3	56·7	− 0·1	103	0	3	0·20	− 0·30	53·8	—	46	—
	†Hawarden Bridge (Southport)	73	47	64·8	50·4	57·1	+ 0·1	106	0	2	0·09	− 0·35	48·2	—	41	—
NORTH WALES	Llandudno .. .. Ⓜ	70	47	63·3	52·2	57·4	+ 0·6	108	0	2	0·08	− 0·37	59·0	+ 11·5	51	+ 10
	†Holyhead (Aberdovey) ..	68	48	61·0	52·0	56·2	+ 0·5	99	0	1	0·01	− 0·49	46·2	—	40	—
	Bettws-y-Coed	76	46	68·0	49·6	58·2	+ 1·1	113	0	2	0·07	—	56·3	—	49	—
SOUTH WALES	Llangammarch Wells	75	42	66·2	45·4	55·1	− 0·6	92	0	2	0·55	—	47·3	—	41	—
	Pembroke	70	45	62·9	51·3	56·7	+ 1·4	103	0	1	0·15	− 0·31	59·6	+ 7·3	52	+ 6
	†Cardiff (Aberystwyth)	74	46	66·5	49·3	57·3	− 0·7	107	0	2	0·84	+ 0·24	44·5	—	39	—
8. ENGLAND, S.W.	†Clifton (Torquay)	76	49	67·7	51·8	59·2	+ 0·9	120	0	2	0·51	− 0·04	59·4	+ 5·6	53	+ 5
	†Shaftesbury (Marlborough) Ⓜ	71	45	63·2	48·2	55·2	− 0·2	92	0	3	9·35	− 0·19	42·0	− 0·3	37	0
	†Arlington (Newquay)	73	44	66·3	49·9	57·5	+ 2·3	109	0	3	0·28	− 0·48	*	*	*	*
	Cullompton .. .. Ⓜ	75	44	67·9	47·9	57·2	+ 0·1	106	0	2	0·07	− 0·49	57·2	+ 11·5	51	+ 10
	Plymouth	66	47	62·4	50·7	56·1	− 2·0	99	0	2	0·16	− 0·35	57·5	+ 8·1	51	+ 7
	Falmouth	70	48	64·4	52·2	57·9	+ 0·9	111	0	2	0·44	− 0·12	59·2	+ 6·1	52	+ 5
9 IRELAND, N. — Western part.	Malin Head	58	44	56·4	46·0	50·8	− 3·3	62	0	1	0·02	− 0·46	*	*	*	*
	Edenfel	78	43	66·6	47·9	56·6	+ 2·2	102	0	1	0·05	− 0·62	*	*	*	*
	Blacksod Point	67	49	60·4	51·0	55·4	+ 0·1	94	0	0	0·00	− 0·61	*	*	*	*
	Markree Castle	71	41	64·6	47·2	55·3	+ 0·9	93	0	1	0·04	− 0·66	48·5	+ 8·8	41	+ 8
9 IRELAND, N. — Eastern part.	Armagh	73	41	65·8	46·8	55·6	+ 0·4	95	0	2	0·14	− 0·43	49·7	+ 9·5	42	+ 8
	Donaghadee	61	45	56·4	47·4	51·6	− 3·2	67	0	2	0·22	− 0·33	*	*	*	*
10. IRELAND, S. — Eastern part.	†Dublin, City (Phœnix Park) ..	72	49	65·9	52·6	58·8	+ 1·6	118	0	2	0·21	− 0·25	55·6	+ 9·6	48	+ 8
	Kilkenny	74	46	69·4	49·9	59·0	+ 2·8	119	0	1	0·13	− 0·45	*	*	*	*
	Waterford	75	45	70·6	49·1	59·1	+ 2·7	120	0	2	0·15	− 0·51	*	*	*	*
10. IRELAND, S. — Western part.	Birr Castle	75	46	69·4	50·1	59·1	+ 3·2	120	0	2	0·25	− 0·34	52·6	+ 13·4	45	+ 12
	Foynes	64	48	61·9	51·5	56·3	+ 0·3	100	0	2	0·07	− 0·48	*	*	*	*
	Killarney	79	43	74·9	49·9	61·5	+ 5·6	137	0	2	0·06	− 0·60	*	*	*	*
	Valencia	70	47	67·4	52·9	59·7	+ 3·5	124	0	1	0·01	− 0·84	71·9	+ 26·9	63	+ 23
	†Roches Point (Ballinacurra) ..	69	47	65·1	51·7	57·9	+ 1·0	111	0	2	0·06	− 0·68	53·4	—	47	—
11. ENGLISH CHANNEL	Scilly, St. Mary's	65	54	62·0	54·9	58·2	+ 1·4	113	0	1	0·02	− 0·42	64·5	+ 7·7	57	+ 7
	†Jersey, St. Aubins (St. Heliers)	66	46	62·6	50·0	55·9	− 2·4	97	0	2	0·16	− 0·31	42·1	− 14·2	38	− 13
	Guernsey	63	48	60·2	49·4	54·4	− 2·7	87	0	2	0·08	− 0·42	45·8	− 12·1	41	− 11

Information for Stations marked Ⓜ is supplied by the Royal Meteorological Society, and that for Stations marked Ⓢ is supplied by the Scottish Meteorological Society.

* An Asterisk is inserted in all places for which the information is not usually given.

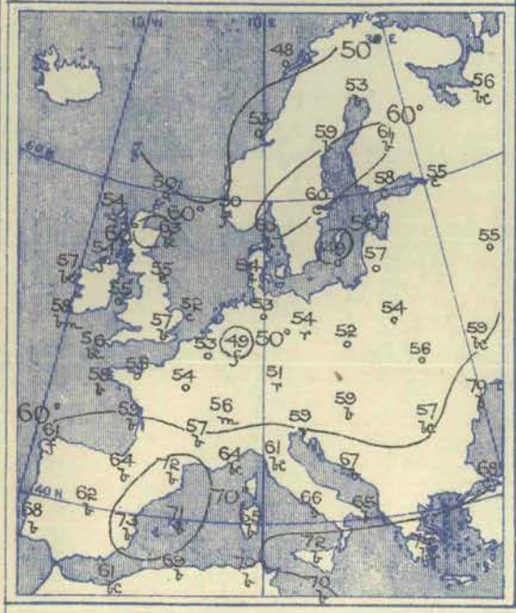
† There is no Sunshine Recorder in use at this Station. The figures entered for Sunshine are those recorded at a Station in the same district of which the name is given in brackets.

Additional Sunshine Totals for the week: Ramsgate, 19·3 hrs., 17 %; Brighton, 53·8 hrs. (+ 1·8), 48 % (+ 2 %); Bournemouth, 51·8 hrs., 46 %; Bognor, 37·3 hrs., 33 %; Rhyl, 55·3 hrs., 48 %; Tenby, 56·1 hrs. (+ 2·8) 49 % (+ 2 %).

Sunday, 10th June, 1906.

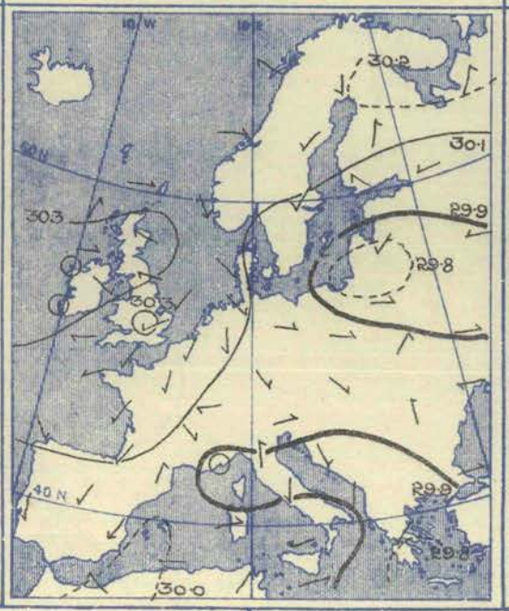
Temperature and Weather.

8 a.m.

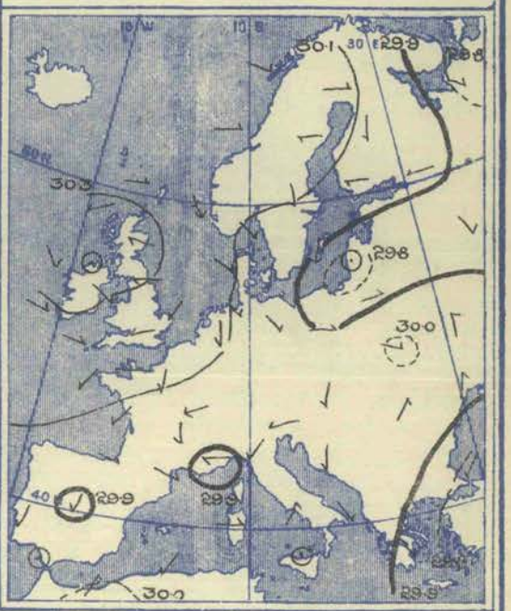


Barometer and Wind.

8 a.m.



6 p.m.



WEATHER at 8 a.m. very fine at nearly all our stations and fair or fine in most Continental regions, but dull over the central countries, with rain in several places. Fog prevailing at Malin Head, Coruna, and Aix-la-Chapelle, and also on the south-west coast of Norway. Continuing very bright all day over our Islands, but considerable amounts of rain falling over Germany, the north of Italy, and at Trieste.

TEMPERATURE showing no decided change. Readings in morning highest, (1) 75° at Athens, 73° at Barcelona, and 72° at Malta and Perpignan; (2) 63° at Aberdeen and 60° at Nairn. Lowest, (1) 48° at Bodö, and 50° at Skudesnaes and Sumburgh Head; (2) 49° at Aix-la-Chapelle, and 51° at Munich; (3) 49° at Wisby. Rising to about 70° at many of our own central and northern stations during day, but not exceeding 56° on parts of our east and south-east coasts. Maxima below 60° in several German localities, but above 75° in most parts of France and Italy and above 80° in places.

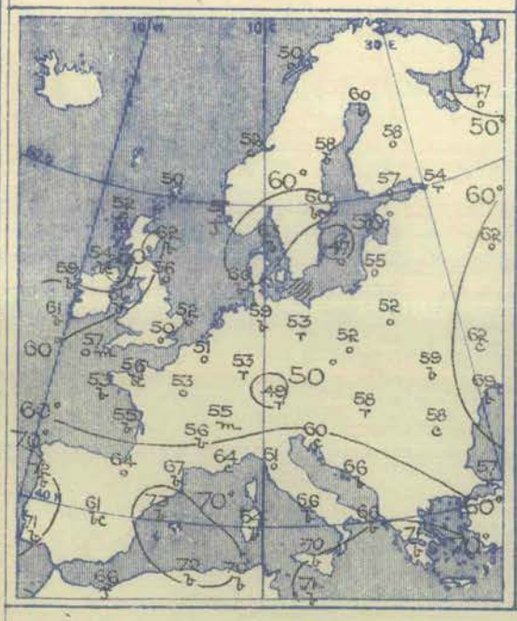
WIND at 8 a.m. showing a cyclonic circulation over the greater part of Russia and the central countries, and an irregular cyclonic movement over the Mediterranean. Strong from the North-Eastward at Wisby, but little force elsewhere. Light or moderate anticyclonic winds prevailing over our Islands and their neighbourhood.

BAROMETER in morning above 30·2 ins. all over the United Kingdom, the North Sea, and most of Scandinavia, as well as over the far north of Russia. Below 29·8 ins. in a large depression centred over east Prussia, and also in another system over Greece. Relatively low over the whole of southern Europe. Scarcely any change later except a brisk fall of the mercury over the White Sea and its vicinity.

Monday, 11th June, 1906.

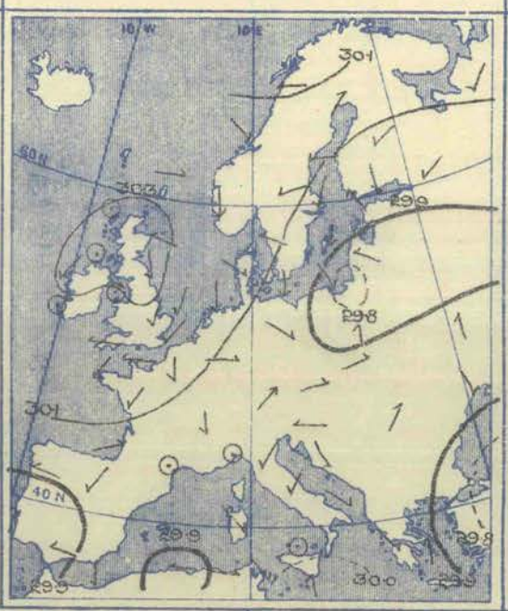
Temperature and Weather

8 a.m.

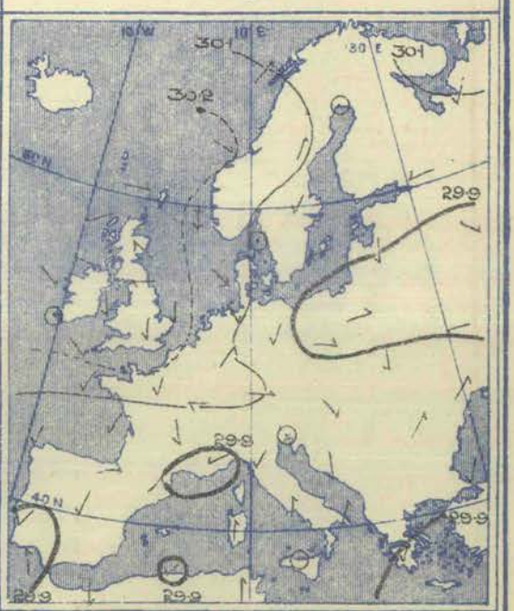


Barometer and Wind.

8 a.m.



6 p.m.



WEATHER at 8 a.m. fine and bright in Sweden, most parts of southern Europe, and at our own western stations. Fog prevailing at Skudesnaes, Stornoway, and Donaghadee and rain at Dungeness and in most parts of Germany, as well as at St. Petersburg. Considerable amounts of rain later at different places in Bohemia and Dalmatia, but little elsewhere. Sky clearing in most parts of Great Britain.

TEMPERATURE fallen somewhat in most regions. Readings in morning 73° at Barcelona, 72° at Oporto and Algiers, 71° at Malta and Athens, and 69° at Odessa; above 60° in the east of Scotland. As low as 50° in London and at Aix-la-Chapelle, 49° at Munich, and 47° at Archangel. Rising during day to 93° at Tunis, to 80° or rather higher at many other southern stations, and above 70° over central Europe and in various parts of the United Kingdom. Thermometer touching 70° at Hernösand and 68° at Haparanda, but only rising to 55° at Lowestoft and to 54° at Spurn Head.

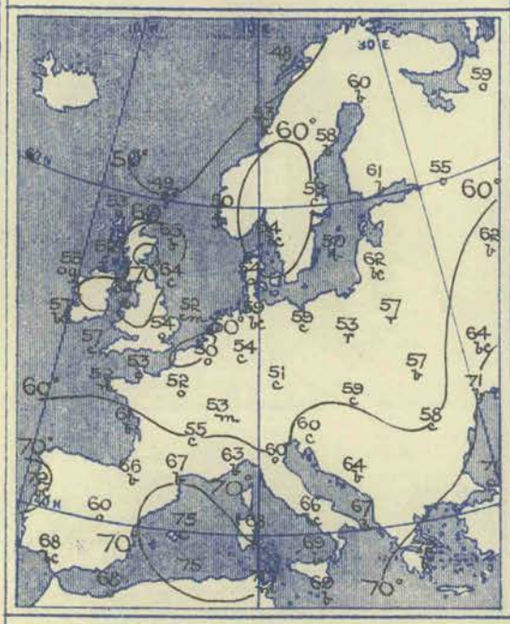
WIND in morning anticyclonic over all the western countries and cyclonic in the east. No force stronger than a moderate breeze in any part of our area. No change later except some increase in force of the North-Easterly current on our south coast, and the springing up of a Northerly gale at Skudesnaes.

BAROMETER in morning ranging from 30·3 ins. and upwards in an extensive anticyclone having its central space over our own northern districts to below 29·9 ins. in a large, shallow depression stretching from Breslau to Moscow, and also in another system in the extreme south-west of our area, and to less than 29·8 ins. in Asia Minor. Relatively low and very uniform throughout the Mediterranean region. Anticyclone giving way slightly during day, but no important change occurring in the general distribution of pressure.

Tuesday, 12th June, 1906.

Temperature and Weather.

8 a.m.



Barometer and Wind.

8 a.m.

6 p.m.

WEATHER at 8 a.m. very cloudy or overcast, with rain in places, in central Europe and overcast on the south-east coast of England and the west coast of Ireland; fine and bright in almost all other regions, but foggy at Malin Head, Skudesnaes, on the north-east coast of France, and also at Corunna. A thunderstorm occurring later at Nancy and in the north-west of England, but conditions continuing fine and dry generally, except at stations in the central countries.

TEMPERATURE risen as a whole, but fallen in several places. Readings in morning highest, (1) 75° at Algiers and Palma, 72° at Athens, and 71° at Barcelona; (2) 73° at Leith, 65° at Aberdeen and Liverpool, and 64° at North Shields. Lowest, (1) 48° at Bodö, 49° at Sumburgh Head; (2) 50° at Brussels and 51° at Munich. Thermometer rising to 80° at Leith during morning but falling very rapidly in the east and south of Scotland later in day. Maxima as high as 70° at Hernösand and Stockholm, 75° at Oxford and Birr Castle, between 70° and 80° at most places in the Mediterranean region, and 93° at Tunis.

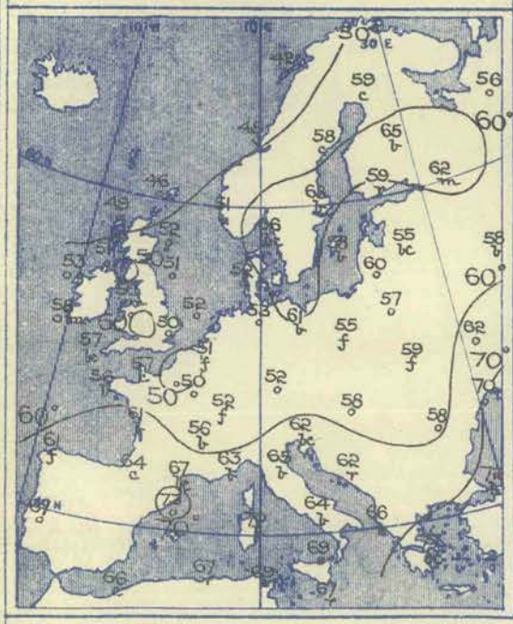
WIND in morning rather variable in direction and generally light in force; mainly between North-West and North-East over the north-western countries. Increasing to a strong breeze from the South-Westward in the west of Norway by evening and becoming moderate from the Southward in Sweden.

BAROMETER at 8 a.m. ranging from above 30·2 ins. in an anticyclone lying over Ireland, most of England, and the west of Scotland to below 29·9 ins. in a large shallow depression over south-eastern Europe and also in smaller systems in the south of our area. A brisk fall of the barometer taking place during day in the north of Norway and a disturbance approaching that region, apparently from the north-westward. Little change occurring elsewhere.

Wednesday, 13th June, 1906.

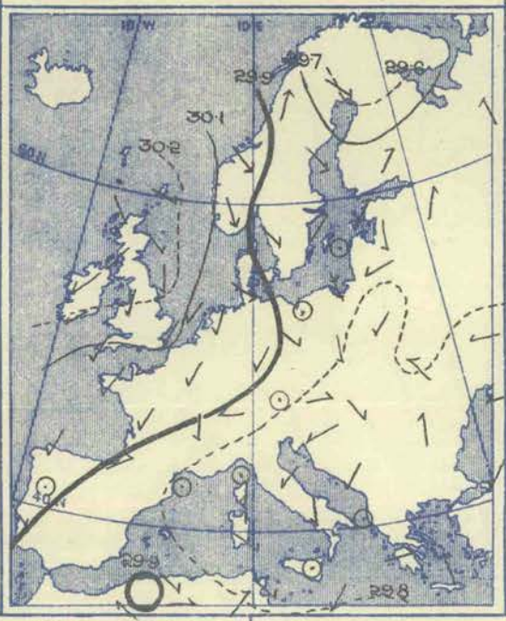
Temperature and Weather.

8 a.m.

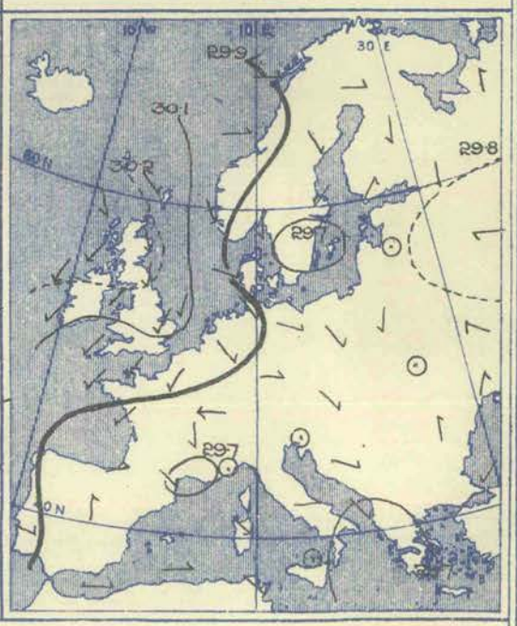


Barometer and Wind.

8 a.m.



6 p.m.



WEATHER at 8 a.m. varying greatly in different localities, but mainly fine and bright in the south of Scandinavia and over the south of Europe, and cloudy or overcast elsewhere. Fog prevailing at Corunna, Le Havre, and Brussels, and rain at Bodö and Pesaro. Rain experienced later at many places in the central and northern countries of the Continent and at some French and Italian stations, as well as at Tunis.

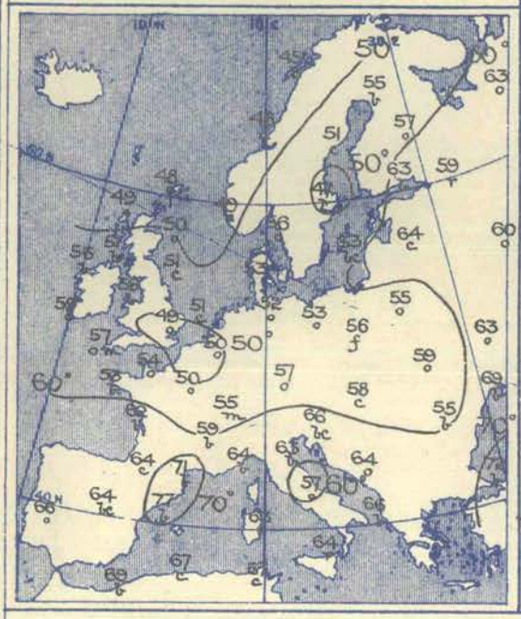
TEMPERATURE fallen over nearly the whole of the United Kingdom—quickly in Scotland—changed rather irregularly elsewhere. Readings in morning above 70° in a few southern regions and as high as 77° at Athens. Above 60° in the south of Sweden but below that value over the major portion of our area and as low as 50° at some of our own stations and in northern Europe. Lowest values, 46° at Sumburgh Head and 42° at Bodö. Remaining below 55° all day on the coast of Suffolk and at Spurn Head and Aberdeen but rising to nearly 70° at Bath and Torquay, to a rather higher figure in central Europe, and to about 80° further south; maximum at Tunis as high as 95°.

WIND in morning Northerly or North-Easterly over all the north-western countries; light or moderate in force generally, but strong in Norway and Jutland. Light and variable winds prevailing over the central and southern regions. A complete cyclonic circulation setting in later over the region of the Baltic and the North-Westerly current in the south-west of Norway increasing to a gale.

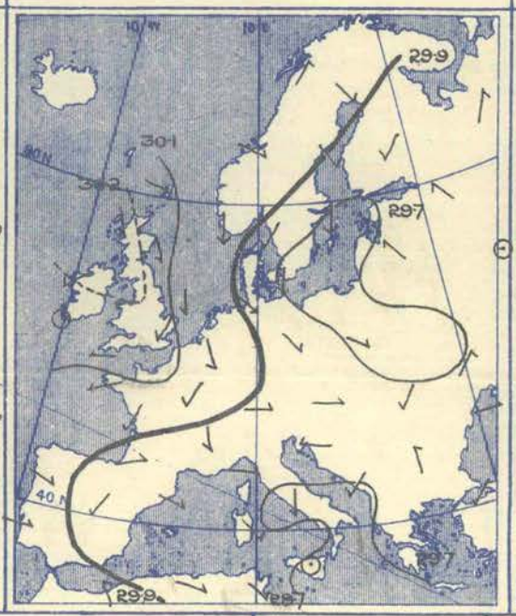
BAROMETER at 8 a.m. ranging from above 30·2 ins. in an anticyclone covering our northern and north-western districts and the adjacent portion of the Atlantic to below 29·3 ins. in a large area in the south and south-east of our area, and to below 29·6 ins. in the north of Finland. Pressure giving way decidedly later in the south of Sweden and a well defined disturbance forming in that neighbourhood. A depression also appearing in the extreme south of France.

Thursday, 14th June, 1906.

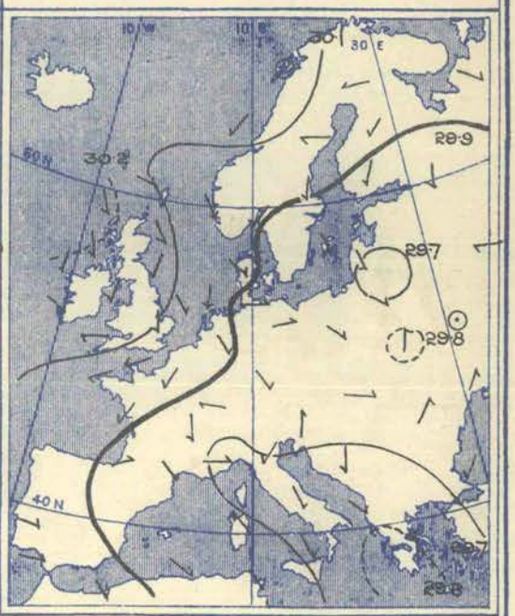
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fair or fine in a few parts of our Islands and in various localities over southern and in the extreme north of Europe. Cloudy or dull over the greater part of the United Kingdom and the central countries of the Continent, and rainy at Stockholm, Hangö, and St. Petersburg. Slight rain falling later over the eastern half of our Islands and in Germany, and larger amounts at some Austrian, Polish, and Russian stations; as much as 1·9 in. at Warsaw.

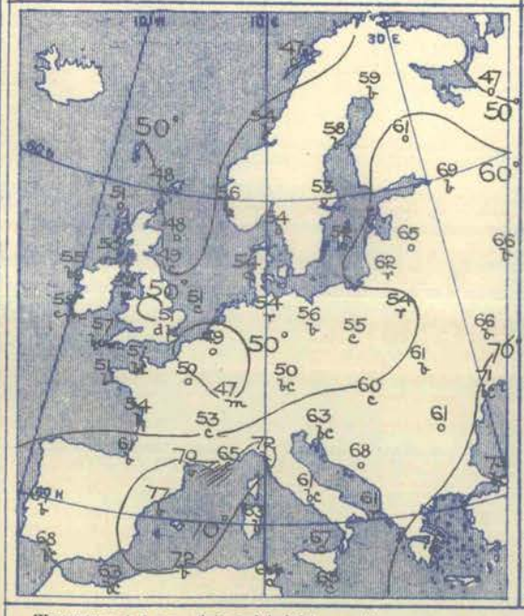
TEMPERATURE fallen in most regions,—quickly in Sweden and at Bath. Readings in morning ranging from 77° at Barcelona, 72° at Constantinople, and 70° in the extreme south of Russia to 50° at Paris and Brussels, to 49° at some of our own stations, and to 45° at Bodö. Maxima during day very low in Great Britain, but as high as 71° at Birr Castle, 70° at Haparanda, 77° at St. Petersburg, and to about 80° or slightly higher at several stations in the extreme south of our area.

WIND in morning from between North and East over all the north-western countries, strong in the south of Scandinavia, but of little force as a whole. Light and irregularly cyclonic over the southern and eastern parts of the Continent. Scarcely any change during day.

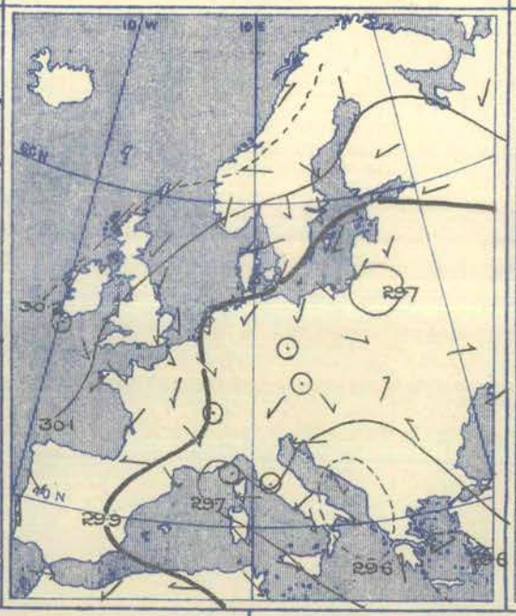
BAROMETER at 8 a.m. above 30·2 ins. in an anticyclone extending from the Atlantic over the north-west of the United Kingdom, and below 29·7 in. in two very irregularly shaped depressions over the Continent,—one over the Baltic and a portion of Russia, and the other over Italy and its neighbourhood. No change in the general distribution of pressure later, but depressions both taking up a more south-easterly position. A small secondary system appearing near the Shetlands.

Friday, 15th June, 1906.

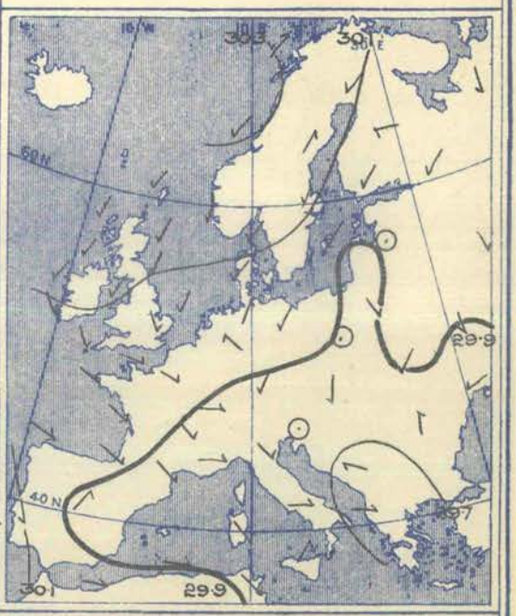
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine and bright over the greater part of Scandinavia; cloudy or overcast in most other regions, with rain in various parts of Great Britain and North Germany. Rain also falling at Brindisi and Patras. Considerable falls of rain later in Austria-Hungary and Poland, and also at Turin and at some stations in south-eastern and central England. Heaviest falls 0·7 in. at Buda-Pesth and 1·0 in. at Turin.

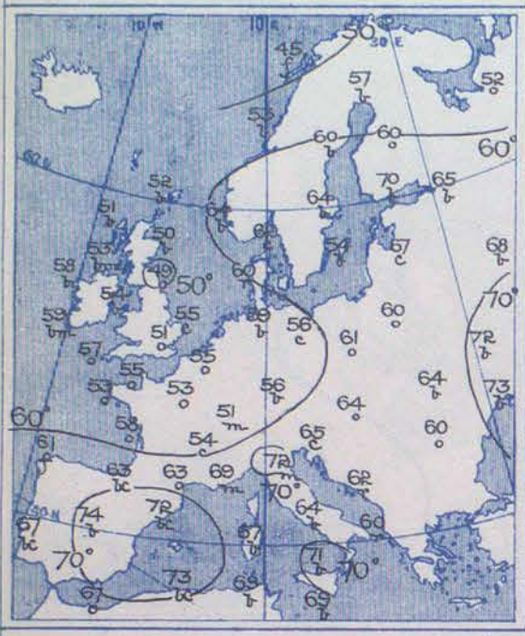
TEMPERATURE risen in most regions, but fallen over France and in various localities elsewhere. Readings in morning highest, (1) 77° at Barcelona, 73° at Constantinople, 72° at Athens, Algiers, and Genoa, and 71° at Odessa; (2) 69° at St. Petersburg and 61° at Kuopio. Lowest, 47° at Belfort, Archangel, and Bodö, 48° at Sumburgh Head and Aberdeen, and 49° at Oxford and Brussels. Maxima during day only about 55° on the east and south-east coasts of England, and less than 60° over Great Britain generally, but as high as 72° at Hernösand and Berlin, and between 75° and 80° at many southern stations. Highest value 86° at Algiers.

WIND in morning moderate or light from the Northward or North Eastward over all the western countries. Two feeble cyclonic circulations prevailing over the eastern half of our area. Latter movements becoming less well marked by evening, but no important change occurring over our area generally.

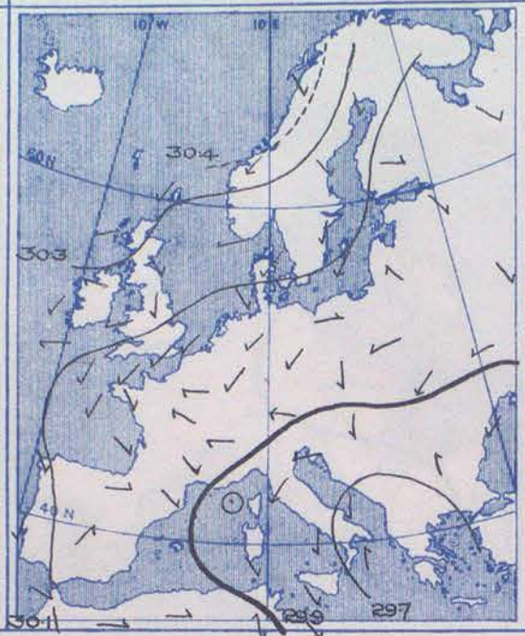
BAROMETER in morning above 30·2 ins. in a very large anticyclone extending from the Atlantic to the north-west coasts of our Islands and Norway, and as high as 30·17 ins. at Archangel. Below 29·7 ins. in a depression having its minimum over East Prussia, and below 29·6 ins. in another system centred over the Adriatic. A shallow ill defined depression also situated over Holland. Last mentioned system moving eastwards towards England during day and barometer rising in its rear over North Germany. Little other change.

Saturday, 16th June, 1906.

Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.

WEATHER at 8 a.m. fair or fine at many stations in Ireland, Scotland, Scandinavia, and in most parts of Russia and southern Europe. Cloudy or dull in the southern and eastern regions of England, the greater portion of France, and central and south-eastern Europe, with rain in places. Rain later in the north-east of France, in most parts of the United Kingdom, and on the shores of the Gulf of Finland. About half an inch at our central and eastern stations, and more than 2·5 ins. at Hangö. A thunderstorm occurring in London during the afternoon.

TEMPERATURE in morning above 70° in the south of Russia and at several stations in the region of the Mediterranean, and above 60° in the southern half of Scandinavia. Below the latter value as a whole and below 50° at Bodö and at certain places in the United Kingdom. Maxima during day only about 60° in England and the north of France, but above 70° in Sweden and as high as 79° at Skudesnaes. Above 75° over southern and in many parts of central Europe, and above 80° in places.

WIND at 8 a.m. showing complete or partial cyclonic circulations of little strength over France and in the south-east of our area. Mainly Northerly and North-Easterly over Scandinavia and these Islands; a strong breeze blowing at Christiansund and Wisby, and a fresh breeze at Spurn Head. No change of importance later.

BAROMETER in morning ranging from above 30·4 ins. in a large anticyclone off the north-west of Norway to about 29·95 ins. in a shallow depression over France, and to below 29·7 ins. in another disturbance over the south-east of Europe. Scarcely any modification in the general distribution during day; barometer rising slightly over the Netherlands and France, and falling somewhat over our Islands.

IV.—TEMPERATURE on the Grass, and in the Ground.

	STATION.	Grass Min. No. of Obs. of 30° or less.	Grass Min. Lowest reading.	Mean Earth Temp. At 1 foot.	Mean Earth Temp. At 4 feet.
			°	°	°
2.	York	—	—	57·1	51·9
	Hull	0	39	56·7	51·7
3.	Cambridge	0	42	—	—
	Dunmow	0	36	—	—
4.	Harrogate	0	38	54·7	51·7
	Sheffield	0	43	55·2	49·6
	Birmingham	0	42	53·4	48·8
	Nottingham	0	39	57·7	52·7
5.	Kew	0	36	57·1	53·2
	Canterbury	0	41	56·5	54·2
	Portsmouth	0	36	59·5	55·8
6.	Glasgow	0	42	—	—
7.	Newton Rigg	0	36	59·9	52·4
	Bettws-y-Coed	0	32	58·0	51·3
	Manchester (Oldham Road)	0	46	58·9	52·6
8.	Llangammarch Wells	—	—	58·6	51·0
	Bath	—	—	61·0	55·8
	Plymouth	0	37	62·0	—
9.	Armagh	0	32	59·0	53·3
	Markree	0	37	61·4	—
10.	Dublin, Trin. Coll.	0	44	58·7	53·9
11.	Guernsey, Brooklyn	0	42	57·7	55·3

V.—OBSERVATIONS IN THE UPPER AIR.—Temperature, Humidity and Wind Velocity.

Date of Observation.	Station and its Height above M.S.L.		Heights in feet above Mean Sea Level. Ground Level.	1,660.	3,320.	5,000.	6,660.	8,320.	10,000.	Remarks.
1906. June 14th, 9.22 a.m. to 11.0 a.m.	Brighton, 380 ft.	Temperature F.	53°	49°	[47°]					Clock stopped at 2,600 ft. Max. height about 3,000 ft. No. decrease of temperature over 2,600 ft. Cloud level 2,000 ft. Overcast.
		Humidity	70	95	[100]					
		Wind Velocity, m. per hr.	NE, 12	NE by N, 15	[15]					
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.	Not sufficient wind at Oxshott during the week to raise a kite.							
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								

63, Victoria Street, London, S.W.
June 20th, 1906.

W. N. SHAW,
Director.

ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE,

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TWENTY-NINTH YEAR. *Vol. XXIII. (New Series.)* No. 25. TWENTY-FIFTH WEEK, ENDING SATURDAY, JUNE 23RD, 1906. [*Price 6d.* *Annual Subscription post paid* £1 10s. 0d.

I.—GENERAL REMARKS.

Weather was generally fine and bright over the southern and eastern districts, but unsettled in the west and north, with frequent falls of rain in Ireland. Thunderstorms were experienced in the Midlands and north-west of England on Sunday, and on the south coast of Kent on Friday, while during the night of Saturday sharp thunderstorms, accompanied by considerable quantities of rain, were very general over England.

Temperature exceeded the average in all districts, the excess being greatest, 3·7° in Scotland N. and least, 0·4°, in England S.W. The highest of the maxima occurred most commonly during the latter half of the week, and were as high as 81° in England S. and the Midland Counties, and 79° in England E. and N.E. Elsewhere they ranged from 78° in England N.W. and the Channel Islands to 72° in Ireland N. The minima were rather low during the earlier days of the week, but subsequently became high. The lowest readings varied from 39° in England S. and S.W. to 44° in the Channel Islands and England N.E., and to 49° in Ireland S.

Rainfall was considerably in excess of the average in Ireland, and slightly in excess in England S.W. and N.E. In the Midland Counties and England N.W. the amount was in close agreement with the normal, while in other districts there was a deficiency.

Bright Sunshine exceeded the average in the eastern, central, and southern parts of England and also in Scotland N., but was deficient in all other districts. The percentage of the possible duration ranged from 66 in England S. and 58 in England E. to 25 in Scotland W. and to a little below 20 in the Irish districts.

Barometer and Wind.—At the commencement of the week a shallow depression, having its minimum over the English Channel, was travelling away westwards between high pressure systems over Scandinavia and Spain. As the disturbance disappeared over the Atlantic the two high pressure areas united, and the winds over our Islands shifted from the Eastward to the South-Eastward. The highest barometer readings soon became situated over France, and the wind veered to the South-Westward or Westward over the United Kingdom. At the end of the week the anticyclone was giving way, a depression was spreading over our Islands from the Westward, and the wind had backed to South or South-East.

SUMMARY OF TEMPERATURE, RAINFALL, AND DURATION OF BRIGHT SUNSHINE IN THE UNITED KINGDOM, FOR AGRICULTURAL AND SANITARY PURPOSES.

THE WEEK (25th)—June 17th to June 23rd, 1906.

DISTRICTS. (See p. 146.)	Temperature. Highest.	Lowest.	Means of Daily Max.	Daily Min.	Daily Mean.	Difference from Av. (35 Yrs.)	Accumulated. Number of Day-Degrees. Above 42°	Difference from Av. (25 Yrs.)	Below 42°	Difference from Av. (25 Yrs.)	Rainfall. Number of Rain-Days.	Diff. from Av. (35 Yrs.)	Total Fall.	Difference from Average (35 Yrs.)	Sunshine. Hours recorded.	Diff. from Av. (25 Yrs.)	Percentage of Possible Duration	Diff. from Av. (25 Yrs.)
	°	°	°	°	°	°	Day-deg.	Day-deg.	Day-deg	Day-deg.			Inches.	Inches.			%	%
0. SCOTLAND, NORTH ..	76	43	64·9	50·0	57·0	+ 3·7	105	+ 31	0	− 1	3	− 1	0·23	−0·40	40	+ 4	32	+ 3
Eastern 1. SCOTLAND, EAST ..	75	43	66·7	51·1	58·4	+ 3·5	115	+ 27	0	0	4	+ 1	0·38	−0·16	34	− 8	28	− 6
Eastern 2. ENGLAND, N.E. ..	79	44	68·7	52·5	60·0	+ 3·1	126	+ 30	0	0	4	+ 1	0·50	+0·04	49	+ 6	41	+ 5
Eastern 3. ENGLAND, EAST ..	79	40	71·1	52·5	61·2	+ 2·6	134	+ 26	0	0	2	− 1	0·32	−0·17	68	+ 18	58	+15
Eastern 4. MIDLAND COUNTIES	81	40	71·3	50·8	60·4	+ 2·5	129	+ 19	0	0	3	0	0·53	−0·02	52	+ 14	45	+12
Eastern 5. ENGLAND, SOUTH ..	81	39	70·9	52·0	60·8	+ 2·3	132	+ 14	0	0	1	− 2	0·30	−0·19	75	+ 27	66	+23
Western 6. SCOTLAND, WEST ..	75	40	66·2	50·7	58·0	+ 2·0	112	+ 18	0	0	4	+ 1	0·66	−0·07	29	− 15	25	−12
Western 7. ENGLAND, N.W. ..	78	42	67·7	51·7	59·1	+ 2·2	120	+ 17	0	0	4	+ 1	0·57	0·00	41	− 1	35	− 1
Western 8. ENGLAND, S.W. ..	77	39	66·5	50·7	58·1	+ 0·4	113	+ 5	0	0	3	0	0·61	+0·02	34	− 13	30	−12
Western 9. IRELAND, NORTH ..	72	46	64·5	53·4	58·5	+ 2·9	116	+ 20	0	0	5	+ 1	0·94	+0·32	23	− 16	19	−14
Western 10. IRELAND, SOUTH ..	76	49	65·6	55·4	60·2	+ 2·8	127	+ 20	0	0	6	+ 3	1·06	+0·42	20	− 24	17	−21
11. CHANNEL ISLANDS..	78	44	67·7	53·4	60·1	+ 1·7	127	+ 12	0	0	1	− 2	0·04	−0·45	50	− 7	44	− 6

THE SEASON (**Summer**).—Aggregates, &c., for the Period of 3 Weeks, June 17th to June 23rd, 1906.

0. SCOTLAND NORTH ..	78	34	*	*	*	*	258	+ 53	0	− 4	5	− 6	0·28	−1·57	118	+ 7	32	+ 2
Eastern 1. SCOTLAND, EAST ..	82	33	*	*	*	*	299	+ 60	0	− 2	7	− 3	0·66	−0·90	134	+ 10	37	+ 3
Eastern 2. ENGLAND, N.E. ..	80	34	*	*	*	*	295	+ 38	0	− 1	7	− 2	1·05	−0·31	144	+ 21	41	+ 6
Eastern 3. ENGLAND, EAST ..	79	33	*	*	*	*	286	− 12	0	− 1	5	− 4	0·68	−0·74	174	+ 39	50	+11
Eastern 4. MIDLAND COUNTIES	81	33	*	*	*	*	315	+ 14	0	− 1	6	− 3	1·07	−0·53	159	+ 46	46	+13
Eastern 5. ENGLAND, SOUTH ..	81	28	*	*	*	*	302	− 21	0	0	4	− 4	0·66	−0·76	191	+ 50	56	+15
Western 6. SCOTLAND, WEST ..	83	40	*	*	*	*	319	+ 62	0	− 1	5	− 5	0·81	−1·31	147	+ 14	41	+ 4
Western 7. ENGLAND, N.W. ..	78	39	*	*	*	*	322	+ 40	0	0	6	− 3	0·74	−0·89	165	+ 30	47	+ 9
Western 8. ENGLAND, S.W. ..	77	37	*	*	*	*	317	+ 17	0	0	5	− 4	0·98	−0·72	165	+ 28	49	+ 8
Western 9. IRELAND, NORTH ..	78	40	*	*	*	*	291	+ 22	0	0	6	− 5	1·02	−0·78	130	+ 10	37	+ 3
Western 10. IRELAND, SOUTH ..	79	40	*	*	*	*	351	+ 54	0	0	9	− 1	1·20	−0·69	141	+ 11	41	+ 3
11. CHANNEL ISLANDS..	78	44	*	*	*	*	329	+ 8	0	0	3	− 6	0·13	−1·27	189	+ 18	56	+ 6

THE YEAR.—Aggregates, &c., for the period of 25 Weeks, December 31st, 1905, to June 23rd, 1906.

0. SCOTLAND, NORTH ..	78	8	*	*	*	*	560	− 79	646	+ 87	123	+17	25·18	+3·96	586	− 22	27	− 1
Eastern 1. SCOTLAND, EAST ..	82	11	*	*	*	*	730	− 30	624	+ 20	100	+11	14·70	+1·76	740	+ 57	34	+ 3
Eastern 2. ENGLAND, N.E. ..	80	18	*	*	*	*	862	+ 68	464	− 22	94	+11	10·32	+0·13	785	+ 45	36	+ 2
Eastern 3. ENGLAND, EAST ..	79	23	*	*	*	*	941	− 34	413	−119	87	+ 5	10·20	+0·39	849	+ 98	39	+ 5
Eastern 4. MIDLAND COUNTIES	81	18	*	*	*	*	988	− 11	486	− 56	91	+ 9	11·31	−0·23	747	+ 76	34	+ 4
Eastern 5. ENGLAND, SOUTH ..	81	20	*	*	*	*	1016	− 55	351	− 39	91	+10	12·79	+1·40	898	+120	41	+ 6
Western 6. SCOTLAND, WEST ..	83	14	*	*	*	*	837	+ 15	419	− 2	101	+ 6	22·34	+1·92	722	+ 25	33	+ 1
Western 7. ENGLAND, N.W. ..	78	16	*	*	*	*	878	− 32	379	− 13	98	+11	17·05	+3·68	729	+ 43	34	+ 2
Western 8. ENGLAND, S.W. ..	77	19	*	*	*	*	1013	− 34	327	+ 31	99	+13	20·26	+4·23	844	+101	39	+ 5
Western 9. IRELAND, NORTH ..	78	20	*	*	*	*	818	−107	355	+ 1	125	+19	18·51	+3·10	670	− 3	31	0
Western 10. IRELAND, SOUTH ..	79	24	*	*	*	*	1103	− 7	264	0	113	+17	17·20	−0·73	756	− 14	35	− 1
11. CHANNEL ISLANDS..	78	27	*	*	*	*	1171	− 69	79	− 35	103	+10	13·78	−0·22	947	+ 32	44	+ 1

Bright Sunshine.—For certain of the Districts the values of Bright Sunshine in this Table are based on the records from a part only of the Stations included in the Tables under II. and IV. For certain of the Stations Mean Values are not available, and for the Districts containing these Stations the "Difference from Average" is based on the records from a smaller number of Stations than those supplying the values for "Hours Recorded."

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II.—DATA from which the SUMMARY on page 145 has been calculated.

June 17-23, 1906.

Districts.	Names of Stations.	Temperature. In Degrees Fahrenheit.								Rainfall.			Bright Sunshine.			
		Highest observed.	Lowest observed.	Averages for the Week. Of Highest each day.	Of Lowest each day.	For whole of each day.	Difference of Daily Average from Mean for the Week.	Accumulated Heat for the Week (in Day-degrees). Above 42°	Below 42°	Number of Rain-Days.	Rainfall in the Week.	Difference from the Mean for the Week.	Number of Hours recorded.	Difference from the Mean for the Week.	Percentage of possible duration.	Difference from the Mean for the Week.
		°	°	°	°	°	°	Day-deg	Day-deg		Inches.	Inches.	Hrs.	Hrs.	%	%
0. SCOTLAND, N.	†Sumburgh Head (Deerness)	62	45	58·1	48·7	53·1	+ 3·1	78	0	1	0·07	− 0·38	44·2	+ 9·3	35	+ 7
	Wick	69	45	62·0	48·7	54·9	+ 2·4	90	0	4	0·07	− 0·37	*	*	*	*
	†Lairg (Strathpeffer) ℌ	76	43	72·6	49·0	60·0	+ 6·8	126	0	2	0·16	− 0·42	42·9	+ 6·0	35	+ 5
	Stornoway	70	46	63·1	49·7	55·9	+ 3·0	97	0	4	0·24	− 0·34	37·5	− 5·0	30	− 4
	Glencarron	73	47	67·4	50·4	58·3	+ 4·4	114	0	5	0·57	− 0·40	*	*	*	*
	Fort Augustus ℌ	70	48	64·8	51·7	57·8	+ 2·7	111	0	3	0·07	− 0·40	35·9	+ 4·9	29	+ 4
	Fort William ℌ	71	50	66·5	51·9	58·7	+ 3·5	117	0	4	0·44	− 0·48	*	*	*	*
1. SCOTLAND, E.	Nairn	74	43	68·4	50·0	58·6	+ 3·6	116	0	3	0·07	− 0·37	*	*	*	*
	Aberdeen	75	49	64·6	51·7	57·7	+ 3·3	110	0	3	0·13	− 0·32	40·8	− 2·1	33	− 2
	†Balmoral (Crathes)	72	44	66·6	49·2	57·3	+ 4·5	107	0	2	0·09	− 0·47	42·0	—	34	—
	†Clathick (Balruddery) ℌ	73	49	68·7	52·7	60·1	+ 3·7	127	0	5	0·71	+ 0·01	31·9	—	26	—
	†Leith (Edinburgh)	74	47	66·4	52·6	59·0	+ 2·5	119	0	4	0·71	+ 0·24	20·2	− 14·6	17	− 12
	Marchmont ℌ	71	47	65·6	50·4	57·5	+ 3·3	109	0	4	0·56	− 0·04	36·8	− 6·4	30	− 5
2. ENGLAND, N.E. — Northern part.	†Alnwick Castle (Cockle Park)	76	44	67·2	51·3	58·7	+ 4·2	117	0	4	0·67	+ 0·18	38·1	—	32	—
	†Shields (Newcastle)	76	46	65·7	52·1	58·4	+ 1·9	115	0	4	0·63	+ 0·18	32·3	− 0·8	27	− 1
	Durham	74	44	68·5	51·5	59·4	+ 3·3	122	0	4	0·40	− 0·08	45·6	+ 5·2	38	+ 4
	Scarborough ℳ	79	46	66·0	53·2	59·2	+ 3·0	120	0	4	0·07	− 0·41	42·4	—	36	—
	York	75	46	71·8	51·8	61·1	+ 3·5	134	0	5	1·11	+ 0·60	47·7	+ 6·7	40	+ 6
2. ENGLAND, N.E. — Southern part.	†Spurn Head (Saltburn)	77	50	65·4	54·7	59·7	+ 3·1	124	0	3	0·54	+ 0·18	43·5	—	37	—
	†Lincoln (Skegness)	76	45	72·6	52·4	61·8	+ 2·8	139	0	3	0·16	− 0·33	62·7	—	54	—
	†Fulbeck (Rauceby)	75	46	72·2	52·7	61·8	+ 3·3	139	0	3	0·45	− 0·02	60·0	—	51	—
	(Cromer)												65·7	—	56	—
3. ENGLAND, E. — Northern part.	Hillington ℳ	78	44	74·3	50·9	61·8	+ 3·8	139	0	3	0·42	− 0·11	61·0	+ 15·0	53	+ 13
	†Yarmouth (Lowestoft)	73	52	66·4	55·7	60·7	+ 3·4	131	0	1	0·14	− 0·31	70·6	—	61	—
	Geldeston	78	43	72·3	50·9	60·9	+ 3·3	132	0	2	0·29	− 0·14	72·2	+ 23·5	62	+ 20
	(Dunmow)												69·0	—	60	—
3. ENGLAND, E. — Southern part.	Cambridge	78	42	72·7	50·3	60·7	+ 1·7	131	0	3	0·17	− 0·36	62·3	+ 15·6	54	+ 13
	Felixstowe	77	45	68·6	53·0	60·3	+ 1·9	128	0	1	0·73	—	71·6	—	62	—
	Clacton-on-Sea	77	48	68·3	54·6	61·0	+ 1·7	133	0	1	0·41	—	73·4	—	64	—
	Rothamsted	77	40	72·8	49·8	60·5	+ 2·7	130	0	3	0·08	− 0·45	64·6	+ 19·3	56	+ 17
	†Shoeburyness (Southend)	79	46	70·9	53·7	61·7	+ 1·8	138	0	1	0·38	− 0·04	82·5	—	72	—
	London, Westminster	77	46	73·7	53·9	63·1	+ 3·0	148	0	2	0·28	− 0·25	55·6	+ 16·4	48	+ 14
4. MIDLAND COUNTIES. — Eastern part.	Harrogate	74	46	69·4	52·0	60·1	+ 4·3	127	0	3	0·79	+ 0·21	40·2	—	34	—
	†Bawtry (Worksop)	78	40	72·9	50·7	61·0	+ 3·0	133	0	3	0·65	+ 0·16	48·2	+ 9·9	41	+ 9
	Nottingham	75	45	72·1	51·1	60·9	+ 2·5	132	0	3	0·27	− 0·25	45·3	—	39	—
	†Colly Weston (Oundle)	76	45	73·0	51·9	61·7	+ 3·3	138	0	3	0·23	− 0·22	64·1	—	55	—
	Birmingham, Edgbaston	77	44	70·8	53·0	61·3	+ 3·6	135	0	3	0·55	− 0·03	44·1	—	38	—
	Oxford	81	46	74·0	52·7	62·6	+ 3·8	144	0	2	0·48	− 0·06	62·1	+ 16·9	54	+ 15
4. MIDLAND COUNTIES. — Western part.	†Cheadle (Sheffield) ℳ	72	43	68·5	51·8	59·6	+ 3·5	123	0	3	0·59	− 0·07	49·6	—	42	—
	Shrewsbury	77	41	71·4	49·0	59·4	+ 0·9	122	0	4	0·12	—	*	*	*	*
	Hereford ℳ	77	41	70·8	48·1	58·7	+ 0·2	117	0	4	0·66	+ 0·12	*	*	*	*
	Cirencester	78	41	71·3	48·7	59·2	+ 2·0	120	0	2	0·70	+ 0·13	60·1	+ 14·7	52	+ 13
	Bath	77	42	70·6	50·0	59·6	− 0·1	123	0	2	0·83	+ 0·28	53·2	—	46	—
	(Margate)												71·2	+ 27·9	62	+ 24
5. ENGLAND, S.	Kew	81	45	75·1	53·6	63·6	+ 4·3	151	0	1	0·08	− 0·45	70·0	+ 24·7	61	+ 22
	Wisley, Surrey	80	42	74·8	51·1	62·1	+ 2·9	141	0	1	0·18	—	74·5	—	65	—
	†Swarraton (Ventnor) ℳ	78	39	72·3	47·1	58·8	+ 1·8	118	0	1	0·21	− 0·33	77·9	+ 32·3	68	+ 28
	Tunbridge Wells ℳ	79	44	74·4	52·0	62·4	+ 4·2	143	0	1	0·33	− 0·21	74·6	+ 27·8	65	+ 24
	†Dungeness (Littlestone)	67	46	65·0	52·7	58·4	+ 0·3	115	0	2	0·43	+ 0·07	84·8	—	74	—
	Hastings	73	46	69·5	53·7	61·1	+ 2·8	134	0	1	0·21	− 0·23	88·0	+ 34·5	77	+ 30
	Southampton	78	47	73·9	52·4	62·4	+ 2·5	143	0	1	0·20	− 0·30	73·3	+ 24·0	64	+ 21
	†Portland Bill (Worthing)	66	50	62·1	53·4	57·5	− 0·5	109	0	1	0·76	—	85·4	—	75	—
	(Eastbourne)												92·5	+ 40·8	81	+ 36
6. SCOTLAND, W.	Laudale, Loch Sunart	74	46	68·8	52·0	59·8	+ 4·0	125	0	5	0·22	− 0·75	*	*	*	*
	Glasgow	69	49	65·4	53·6	59·1	+ 3·2	120	0	4	0·76	+ 0·08	23·2	− 14·4	19	− 12
	Dumfries ℌ	75	46	69·4	52·1	60·2	+ 3·6	127	0	4	0·59	− 0·03	*	*	*	*
	Cally ℌ	69	40	64·9	44·9	54·2	− 1·6	85	0	5	1·08	+ 0·33	*	*	*	*
	Douglas, Isle of Man	68	45	62·7	51·1	56·5	+ 0·9	102	0	4	0·63	+ 0·01	35·6	− 15·2	30	− 13
7. ENGLAND, N.W.	Aspatria	73	47	65·0	52·0	58·1	+ 2·4	113	0	4	0·73	+ 0·10	43·6	—	37	—
	Newton Rigg	75	42	69·2	49·1	58·5	+ 3·5	116	0	4	0·36	− 0·16	44·5	− 4·2	37	− 4
	Stonyhurst	70	48	66·6	52·6	59·1	+ 2·6	120	0	4	0·80	+ 0·04	36·9	− 8·6	31	− 7
	Blackpool ℳ	75	46	66·6	50·7	58·1	+ 0·9	113	0	4	0·43	− 0·10	50·1	+ 4·1	43	+ 4
	Manchester, Prestwich	75	47	70·4	51·9	60·5	+ 3·8	130	0	5	0·67	− 0·03	47·3	+ 8·2	40	+ 7
	†Liverpool Obs. (Hoylake)	77	48	69·0	54·3	61·1	+ 3·3	134	0	4	0·59	+ 0·06	50·2	—	43	—
	†Hawarden Bridge (Southport)	78	42	70·8	51·7	60·6	+ 2·7	130	0	3	0·38	− 0·07	45·5	—	39	—
NORTH WALES	Llandudno ℳ	75	47	68·7	53·4	60·5	+ 2·6	130	0	3	0·47	0·00	41·2	− 6·0	35	− 5
	†Holyhead (Aberdovey)	72	46	62·3	51·3	56·4	− 0·2	101	0	4	1·00	+ 0·47	23·9	—	21	—
	Bettws-y-Coed	75	42	67·9	50·0	58·3	+ 0·2	114	0	3	0·31	—	34·5	—	30	—
SOUTH WALES	Llangammarch Wells	72	39	66·3	46·0	55·4	− 1·2	94	0	5	0·91	—	31·6	—	28	—
	Pembroke	65	47	58·7	50·3	54·2	− 2·1	85	0	4	1·33	+ 0·83	15·6	− 36·8	14	− 32
	†Cardiff (Aberystwyth)	74	43	68·4	49·6	58·4	− 0·6	115	0	4	0·74	+ 0·11	26·0	—	23	—
8. ENGLAND, S.W.	†Clifton (Torquay)	77	49	70·8	52·8	61·2	+ 1·8	134	0	2	0·40	− 0·17	60·1	+ 6·3	53	+ 6
	†Shaftesbury (Marlborough) ℳ	73	45	68·4	50·6	58·9	+ 2·2	118	0	2	0·63	+ 0·08	49·9	+ 7·7	43	+ 7
	†Arlington (Newquay)	71	44	65·9	49·4	57·1	+ 0·9	106	0	4	0·61	− 0·16	*	*	*	*
	Cullompton ℳ	76	45	70·5	50·0	59·5	+ 1·3	123	0	2	0·72	+ 0·14	47·7	+ 1·9	42	+ 2
	Plymouth	71	48	65·4	53·0	58·8	− 0·2	118	0	1	0·02	− 0·53	50·0	+ 0·7	44	+ 1
	Falmouth	69	50	64·5	54·4	59·1	+ 1·1	120	0	3	0·16	− 0·42	34·5	− 18·2	31	− 16
9 IRELAND, N. — Western part.	Malin Head	65	50	62·7	52·1	57·0	+ 2·0	105	0	6	0·49	− 0·01	*	*	*	*
	Edenfel	70	46	66·0	53·9	59·5	+ 4·1	123	0	4	0·49	− 0·21	*	*	*	*
	Blacksod Point	65	53	61·1	54·0	57·3	+ 1·0	107	0	7	1·86	+ 1·23	*	*	*	*
	Markree Castle	72	50	67·0	54·5	60·3	+ 4·9	128	0	6	1·84	+ 1·12	21·2	− 17·3	18	− 15
9 IRELAND, N. — Eastern part.	Armagh	72	46	66·3	54·2	59·8	+ 3·6	125	0	4	0·45	− 0·15	24·2	− 15·4	21	− 13
	Donaghadee	71	49	63·9	51·4	57·2	+ 1·5	106	0	4	0·49	− 0·08	*	*	*	*
10. IRELAND, S. — Eastern part.	†Dublin, City (Phœnix Park)	76	49	68·5	56·0	61·8	+ 3·5	139	0	4	0·43	− 0·04	29·6	− 15·9	25	− 14
	Kilkenny	74	49	67·6	54·1	60·4	+ 3·2	129	0	4	1·00	+ 0·42	*	*	*	*
	Waterford	70	50	66·6	54·7	60·2	+ 2·6	127	0	4	0·52	− 0·15	*	*	*	*
10. IRELAND, S. — Western part.	Birr Castle	73	51	68·1	55·1	61·2	+ 4·3	134	0	6	1·08	+ 0·48	20·0	− 19·0	17	− 16
	Foynes	68	49	63·3	56·0	59·4	+ 2·4	122	0	6	1·23	+ 0·66	*	*	*	*
	Killarney	69	51	65·2	55·1	59·8	+ 2·9	125	0	7	1·88	+ 1·21	*	*	*	*
	Valencia	64	51	62·7	55·6	58·9	+ 1·7	118	0	6	1·56	+ 0·72	6·5	− 37·7	6	− 33
	†Roches Point (Ballinacurra)	64	54	62·4	56·9	59·5	+ 1·5	123	0	7	0·79	+ 0·04	23·7	—	21	—
11. ENGLISH CHANNEL	Scilly, St. Mary's	66	53	63·4	55·9	59·4	+ 1·7	122	0	2	0·11	− 0·36	24·7	− 32·1	22	− 28
	†Jersey, St. Aubins (St. Heliers)	78	44	70·6	51·1	60·2	+ 0·8	127	0	1	0·01	− 0·48	64·7	+ 8·3	58	+ 7
	Guernsey	76	49	69·1	53·2	60·6	+ 2·6	130	0	0	0·00	− 0·50	60·9	+ 3·2	54	+ 3

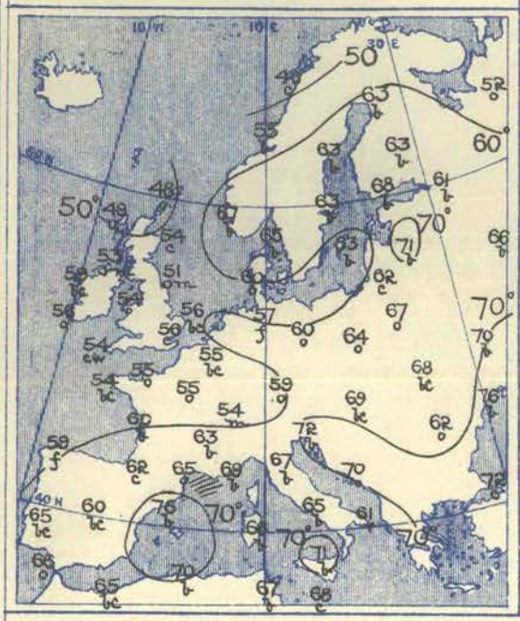
Information for Stations marked ℳ is supplied by the Royal Meteorological Society, and that for Stations marked ℌ is supplied by the Scottish Meteorological Society.
* An Asterisk is inserted in all places for which the information is not usually given.
† There is no Sunshine Recorder in use at this Station. The figures entered for Sunshine are those recorded at a Station in the same district of which the name is given in brackets.

Additional Sunshine Totals for the week: Ramsgate, 71·7 hrs., 62 %; Brighton, 82·8 hrs. (+ 30·7), 73 % (+ 27 %); Bournemouth, 73·6 hrs., 65 %; Bognor, 85·8 hrs., 75 %; Rhyl, 45·7 hrs., 39 %; Tenby, 24·2 hrs. (− 29·2) 21 % (− 25 %).

Sunday, 17th June, 1906.

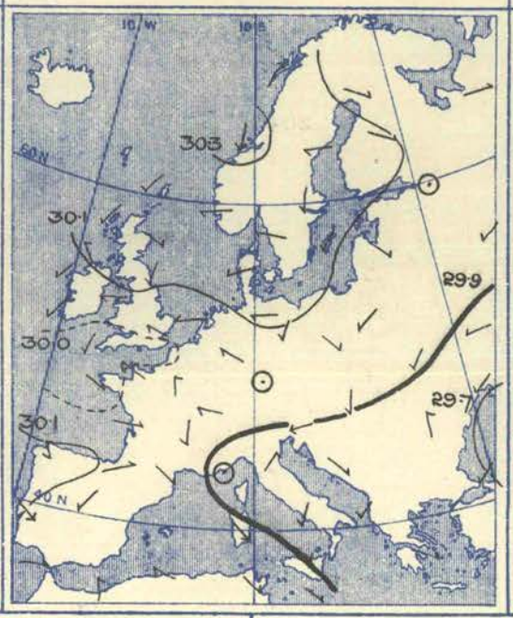
Temperature and Weather.

8 a.m.

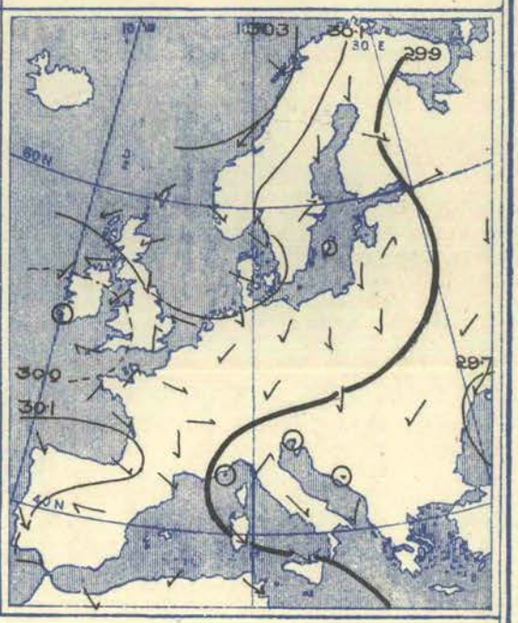


Barometer and Wind.

8 a.m.



6 p.m.



WEATHER at 8 a.m. fine and bright in nearly all Continental regions, but cloudy or dull over the United Kingdom, with rain over central England and showers at Leith and Roche's Point. Becoming bright during morning all over the south and east of England; remaining dull, with some rain, in the west and north, and rain also falling in Hungary and Transylvania. Largest amounts 0·4 in. at Liverpool (accompanied by thunder and lightning) and 0·7 in. at Valencia Island and Hermanstadt.

TEMPERATURE in morning 76° at Barcelona and above 70° at a few other southern stations as well as at Riga. Below 60° over our Islands and many parts of France, and below 50° in the extreme north of Scotland and at Bodö. Rising during day to 77° at Haparanda and Skudesnaes, to 79° at Berlin, and to above 80° in several central and southern regions of Europe. Maxima below 60° in many parts of these Islands and only 53° at North Shields and Scarborough.

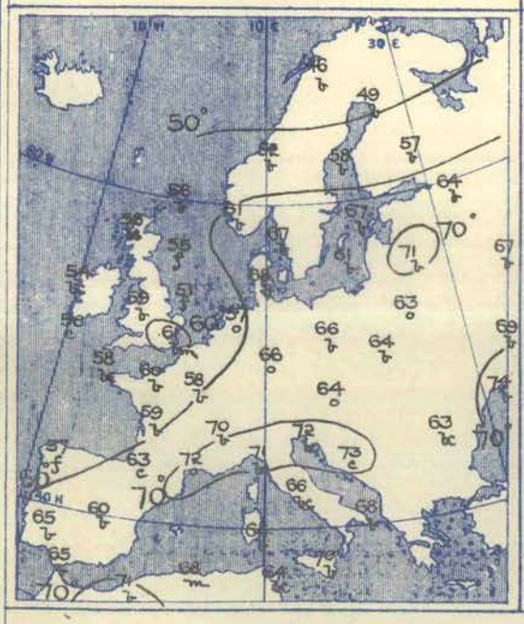
WIND in morning showing a feeble cyclonic circulation around the south and south-west of England and light cyclonic airs over the south-east of the Continent and the Mediterranean. Moderate winds from between North and North-East prevailing over the northern parts of our area generally except in Lapland and the far north of Russia. No change of importance later.

BAROMETER at 8 a.m. above 30·2 ins. over the greater portion of Scandinavia and the north of Scotland and above 30·1 ins. over the north-west of the Spanish Peninsula. Below 30·0 ins. in a shallow depression over the English Channel and the adjacent parts of England and France, and less than 29·7 ins. in a disturbance over the Black Sea. Relatively low throughout the Mediterranean region and over the central parts of Spain. Channel depression moving slowly westwards during day and the two high pressure systems tending to unite.

Monday, 18th June, 1906.

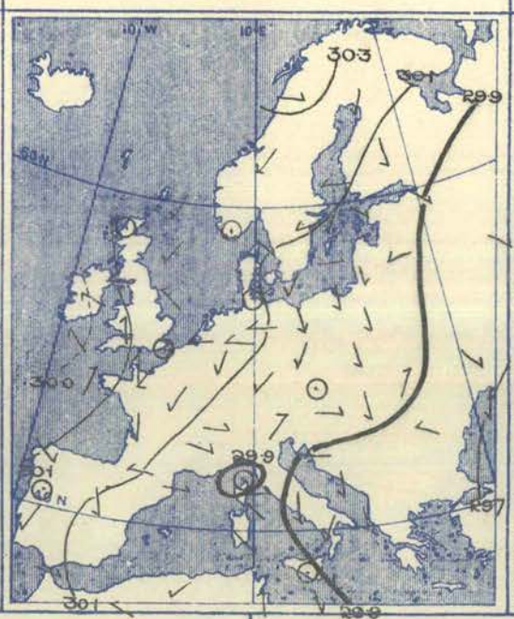
Temperature and Weather

8 a.m.

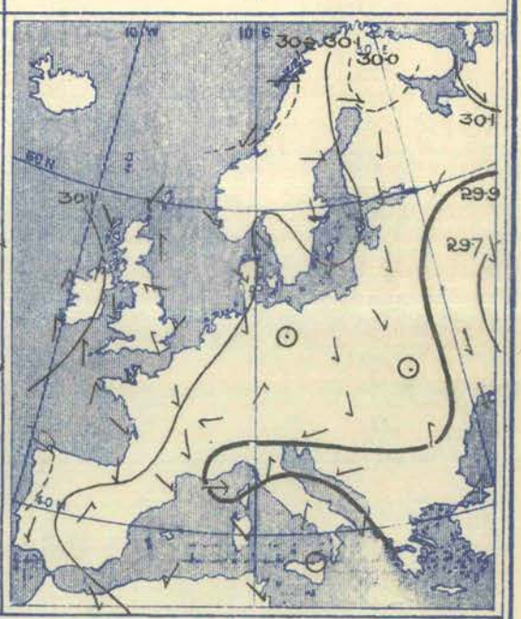


Barometer and Wind.

8 a.m.



6 p.m.



WEATHER at 8 a.m. fine and bright in almost all parts of our area, but showery at Pembroke and foggy at Corunna and along the north east coast of Great Britain. Some rain experienced later in Ireland and a slight fall in London. Nearly half an inch falling during a thunderstorm at Carlsruhe and a similar quantity measured at Rome. Conditions remaining very fine as a whole.

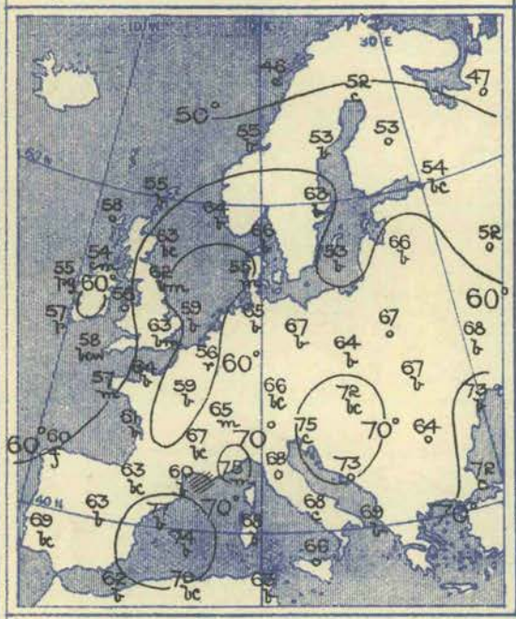
TEMPERATURE risen generally; fallen in the north of Scandinavia. Readings in morning (1) 77° at Nice, 74° at Odessa, 73° at Lesina, and 72° at Buda-Pesth; (2) 71° at Memel, 68° at Karlstad, and 67° at Stockholm. Below 50° in the extreme north of our area and only 51° at Wick and Nairn. Rising to 70° during afternoon at Stornoway and in London, to 75° at Hernösand, to about 80° at many stations in France, central, and southern Europe, and to above that point in places. Highest values 88° at Buda-Pesth and 90° at Cette.

WIND in morning very light and rather variable generally, but mainly Southerly to South-Easterly over our Islands and from some point between North-East and North-West on the Continent. No great change occurring later, but wind becoming more Southerly over the United Kingdom.

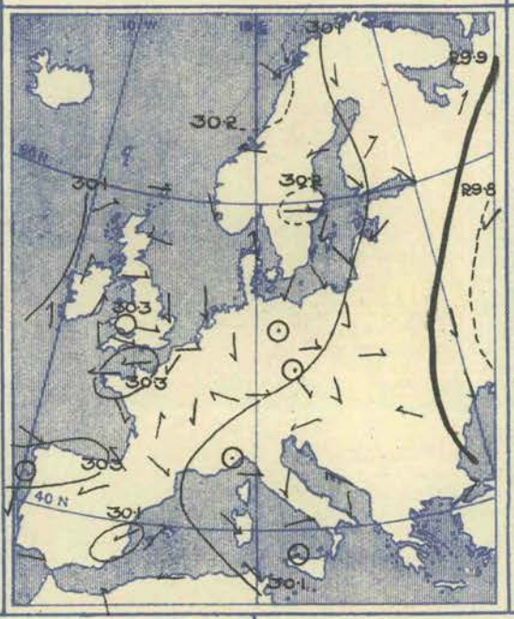
BAROMETER in morning ranging from above 30·3 ins. in a large anticyclonic band having its maximum in the far north of Norway and extending south-westwards across this country, France, and Spain, to less than 30·0 ins. off the west of Ireland, and to less than 29·7 ins. over the Black Sea and the Crimea. Relatively low over the Mediterranean and the southern countries. Pressure increasing during day over Portugal, the Bay of Biscay, and most of the United Kingdom, falling somewhat in Sweden and the north of Norway.

Tuesday, 19th June, 1906.

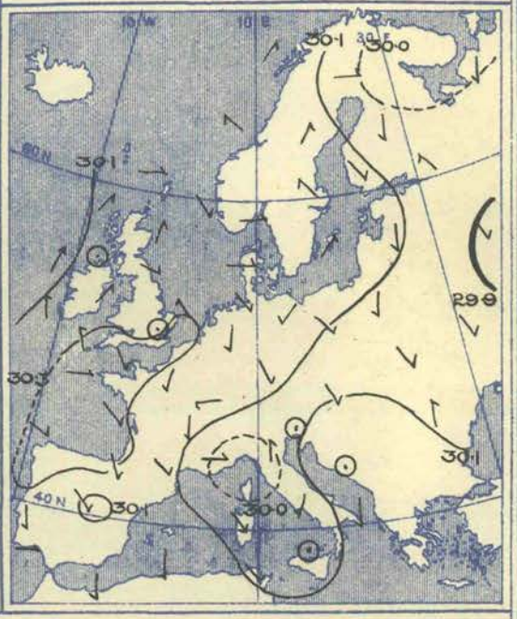
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. very fine and bright over our area as a whole, but cloudy or dull in Ireland, with occasional rain on the west coast. Fog prevailing at Corunna and Pembroke. Rain falling later in almost all parts of Ireland (0·44 in. at Blacksod Point), at some German stations, and in the east of France, and nearly an inch and a half at Rome and Florence, Thunderstorms occurring at Nancy and Besançon.

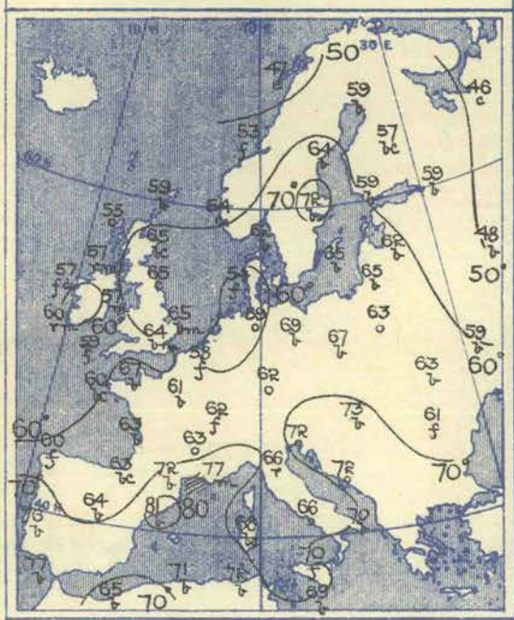
TEMPERATURE fallen in the north-east of Europe, risen in the United Kingdom. Morning readings above 70° at several stations in the south, and as high as 77° at Barcelona. Above 60° in various parts of our Islands and Scandinavia, but decreasing to 47° at Archangel and to 46° at Bodö. Rising later to 73° in London, 75° at Strathpeffer and Aberdeen, 79° at Stockholm and Skagen, 81° at Berlin, and to some degrees higher in some localities further south. Highest value 90° at Cape Sicié.

WIND at 8 a.m. light and anticyclonic over the northern and north-western countries generally, and cyclonic in the south and south-east. Latter movement becoming more pronounced by evening over the Mediterranean, and Southerly current increasing in force on our extreme north-west and west coasts.

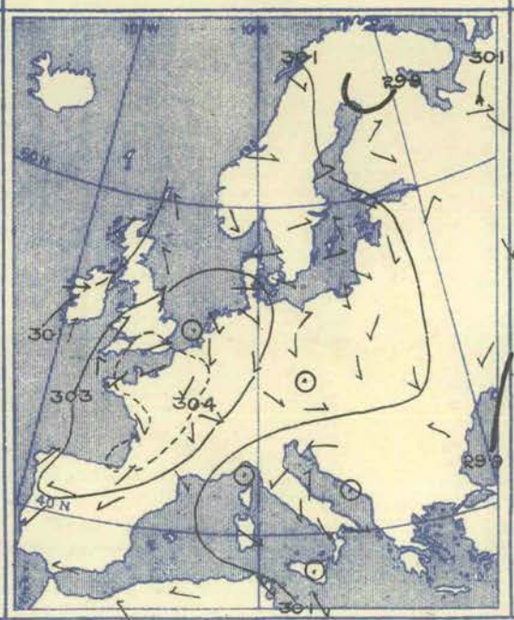
BAROMETER in morning above 30·2 ins. in a very large anticyclone covering nearly all the western and north-western regions. Below 30·0 ins. over Italy and its vicinity, and less than 29·8 ins. in a depression over central Russia. Changes slight and rather irregular during day, but little modification occurring in the general distribution.

Wednesday, 20th June, 1906.

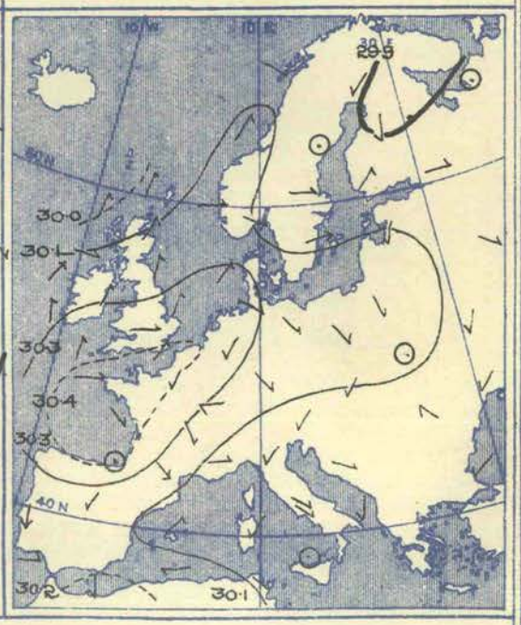
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine and bright in most parts of our area, but dull, with some rain, in various parts of Italy and also over Ireland, and foggy or misty at several of our western coast stations. Rain falling later over our western and northern districts; in small amounts generally, but as much as 0·74 in. at Blacksod Point. Fog continuing all day at Pembroke, Holyhead, and Scilly.

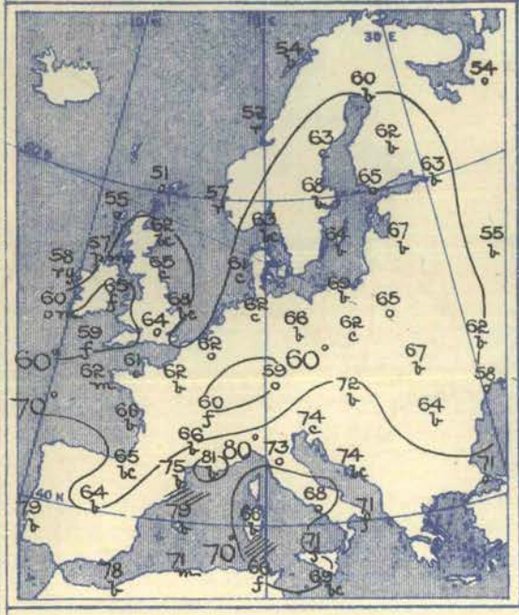
TEMPERATURE at 8 a.m. highest, (1) 81° at Barcelona, 77° at Cape Sicié and Oporto, and above 70° at many more southern stations; (2) 72° at Stockholm and 66° at Karlstad. Above 60° over our area generally, but below 50° at Bodö, Archangel, and Moscow. Rising during day to above 70° at many of our own stations, to 77° at Spurn Head, Oxford, and in London, and to 78° at Margate. Maxima above 80° in various parts of southern and northern Europe; highest readings 88° at Hernösand and Madrid, 90° at Lisbon, and 93° at San Fernando.

WIND in morning cyclonic in the extreme north of our area and also over Italy; mainly anticyclonic over the north-western countries and of very little strength, but moderate from the Southward on our western coasts. Southerly current becoming more pronounced over the United Kingdom by evening, but no other change of importance.

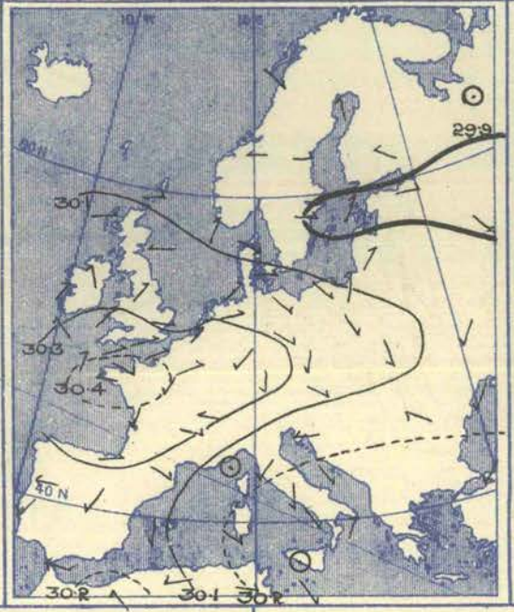
BAROMETER in morning 30·3 ins. to above 30·4 ins. in a large anticyclone having its maximum over France and the English Channel. Readings decreasing to less than 30·1 ins. off our north-west coasts, to below 30·0 ins. over Italy, and to less than 29·9 ins. in Lapland and also in the south of Russia. Changing rather irregularly during day; falling in most parts of Great Britain and rising in Ireland and Wales. Northern depression travelling south-eastwards

Thursday, 21st June, 1906.

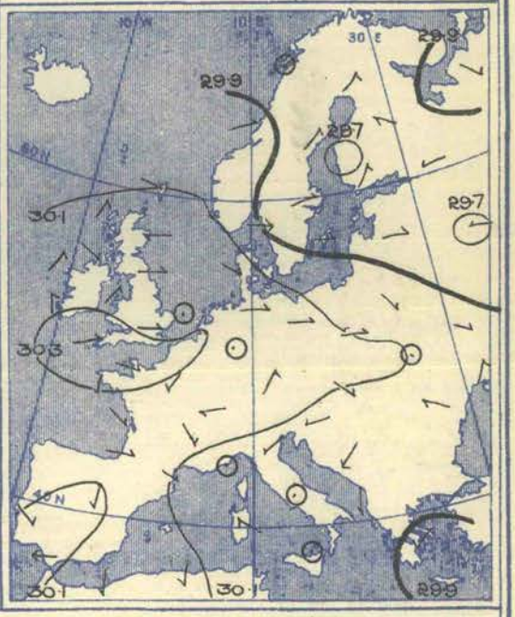
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine and bright over the greater portion of the Continent, but rainy in the west of Norway and also at Prague. Cloudy or overcast at most of our own stations, with rain in Ireland and at Liverpool, and fog on many parts of our west and south-west coasts. More than half an inch of rain falling later at Birr Castle and Leith, and as much as 0·9 in. at Christiansund. Fog continuing all day on some parts of our west coasts.

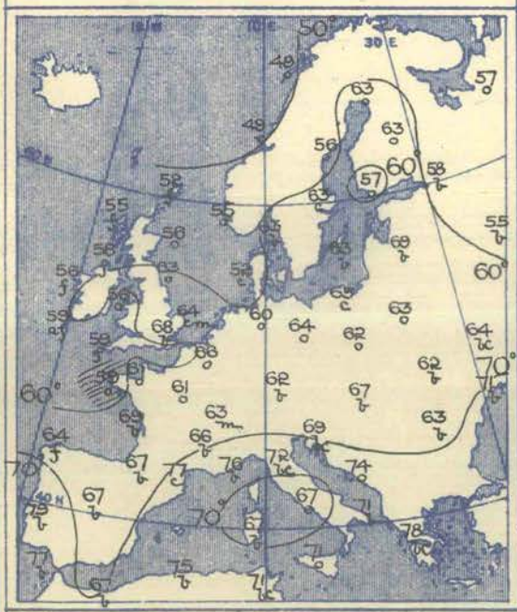
TEMPERATURE changed irregularly. Readings in morning 81° at Cape St. Jié, 79° on the Portuguese coast and at Palma, and above 70° at many southern stations. 70° at Clacton-on-Sea, and 68° at Great Yarmouth and in the south of Sweden. Below 60° in the extreme north-west and east of our area; lowest values 51° at Sumburgh Head and Kharkoff. Maxima during day 93° at Cette, 91° at San Fernando, 90° at Madrid and Leghorn, about 80° in most parts of southern and central Europe and at Hernösand. Highest readings in our Islands 79° at Scarborough and 77° at Clacton-on-Sea.

WIND at 8 a.m. showing a light anticyclonic circulation over all the western countries and feeble cyclonic movements both in the north-east and south-east of our area. Wind increasing in force from between North-West and West over Norway and Denmark during day and from the North-Eastward over the Adriatic and the north of Italy.

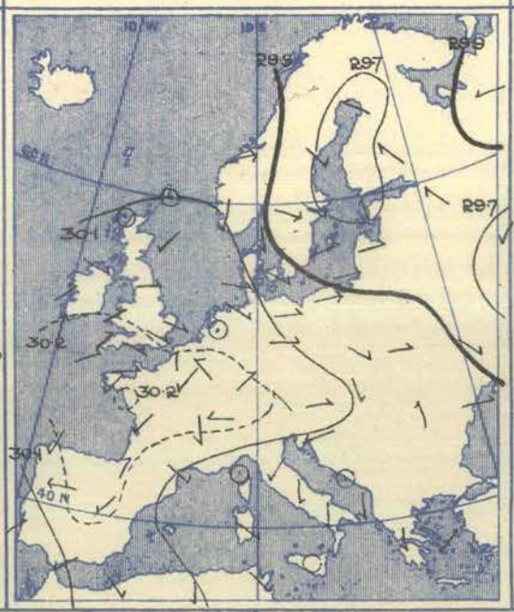
BAROMETER at 8 a.m. ranging from above 30·4 ins. in a large high pressure system having its centre over Brittany to less than 30·0 ins. over south-east of Europe, and to less than 29·9 ins. in an elongated depression stretching from Stockholm eastwards to central Russia. No important change taking place in the general distribution of pressure, but a decided fall of the mercury in the south of Scandinavia causing a steepening of the gradients in that neighbourhood. A fall of the barometer occurring over the Spanish Peninsula and the greater part of France.

Friday, 22nd June, 1906.

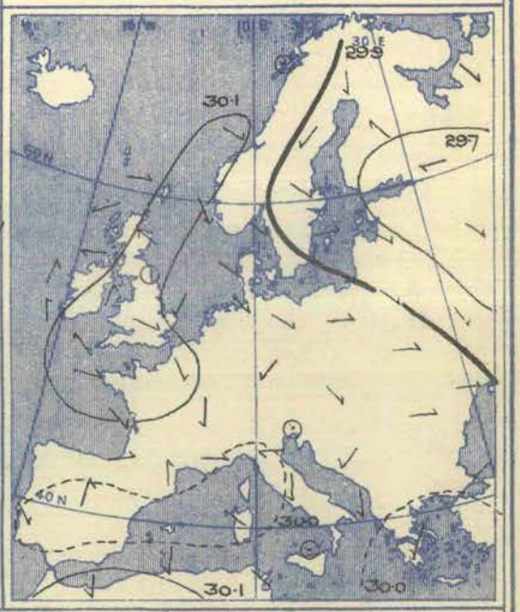
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. cloudy or entirely overcast over our area generally, but fine and bright in a few districts. Much fog prevailing on the west coasts of our Islands and on both sides of the Straits of Dover, and also at Corunna, and rain falling at Christiansund and Leith. A thunderstorm occurring later at Nancy and on the south coast of Kent and rain falling in many parts of Sweden, the Low Countries, and Germany, as well as at Rome and Naples.

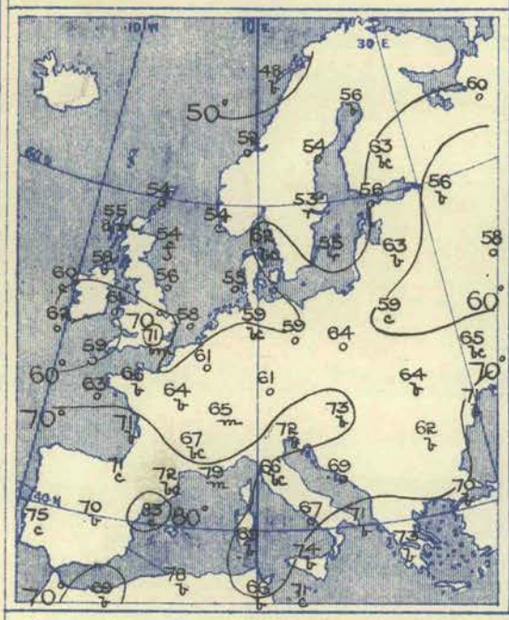
TEMPERATURE risen in a few places, but fallen generally. Readings in morning ranging from 81° at Oporto and above 70° at many other southern stations and 68° in London to 52° in the Shetlands, and to 49° along the north-west coast of Norway. Rising during day to 77° at Oxford and in the south-east of England and to 70° at Nairn and Stockholm. Maxima above 80° in several parts of France, Austria-Hungary, and southern Europe and above 90° in places. Highest readings 92° at Perpignan and 93° at Madrid.

WIND in morning light and anticyclonic over all the western regions and light cyclonic over the north-east and south-east. Becoming more variable in direction over the United Kingdom later, but not much change as a whole.

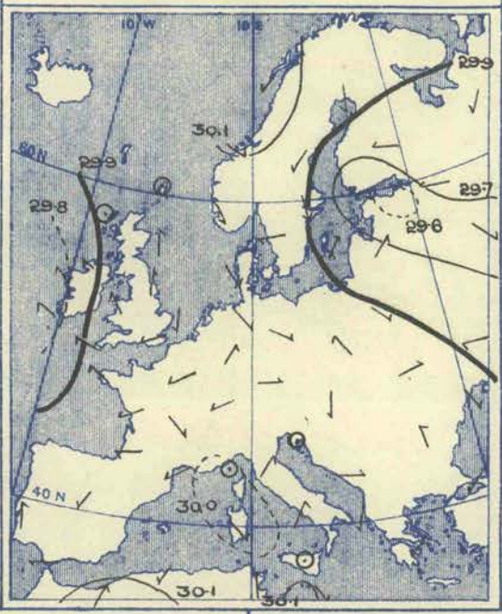
BAROMETER at 8 a.m. above 30·2 ins. in an area of high pressure covering the Bay of Biscay France, and the south of our Islands. Below 30·0 ins. over Italy and the south-east of Europe, and below 29·8 ins. in a depression over the Gulf of Bothnia and Finland. Anticyclone giving way steadily during day and distribution of pressure becoming more irregular over the western countries generally; a recovery taking place in Sweden and Norway.

Saturday, 23rd June, 1906.

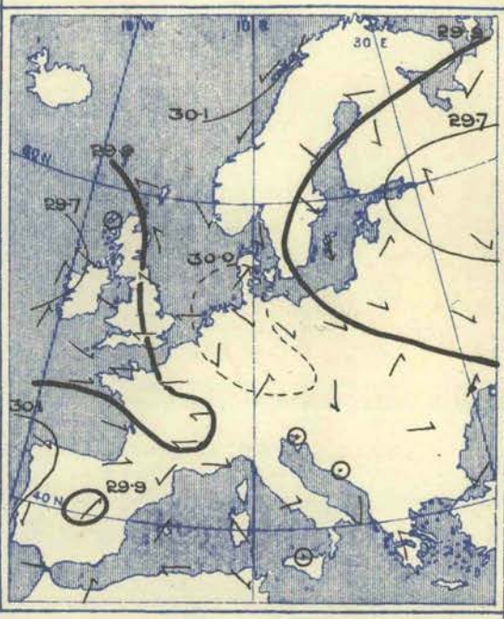
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine and bright in the south-east of England and at most stations in France and south of Russia, and southern Europe generally. Cloudy or overcast in almost all other regions, with fog on the north-east coasts of Scotland and France, and also at Clacton-on-Sea and Flushing, and slight rain at Spurn Head, Stornoway, and in the south-east of Sweden. Sharp thunderstorms during night in almost all parts of England and the north-east of France, with heavy rain. More than half an inch at many stations; largest amounts, 0·9 in. at Pembroke, 0·8 in. at Portland Bill and Harrogate, 0·7 in. at Bath, and 0·9 in. at Cape Gris Nez. Heavy rain also at Cracow and Buda-Pesth.

TEMPERATURE fallen in most regions. Readings in morning, highest (1) 79° at Cape Sicié, 78° at Algiers, 77° at San Fernando, 75° at Lisbon, and 73° at Athens; (2) 71° in London, 69° at Oxford. Lowest, 48° at Ulleaborg and Bodö, 52° at Wick and Donaghadee, and 55° at Spurn Head. Rising to nearly 80° during day in England generally, and to 81° at Oxford. Maxima above 80° in many Continental regions and above 90° in several places. Highest readings, 97° at Madrid and 104° at Tunis.

WIND in morning showing a cyclonic circulation over Russia and its neighbourhood and also over the Mediterranean; light or moderate generally, but strong at Stockholm and a gale at Wisby. Light breezes between East and South-East prevailing over Great Britain and mainly Easterly breezes over France. Increasing somewhat in force later and becoming more cyclonic over our Islands and France.

BAROMETER at 8 a.m. above 30·1 ins. in the north of Norway, and above 30·0 ins. in a large area, including most of Great Britain, the North Sea, France, and Germany. Below 30·0 ins. in a shallow depression over Sardinia, Corsica, and the Gulf of Lyon, less than 29·8 ins. in another system off the west of Ireland, and below 29·6 ins. in a large disturbance having its centre over the Baltic Provinces of Russia. A depression spreading over our north-western districts during day and secondary systems appearing over the south-west and south of this country and France.

IV.—TEMPERATURE on the Grass, and in the Ground.

	STATION.	Grass Min.		Mean Earth Temp.	
		No. of Obs. of 30° or less.	Lowest reading.	At 1 foot.	At 4 feet.
			°	°	°
2.	York	—	—	57·9	53·0
	Hull	0	41	58·9	52·7
3.	Cambridge	0	38	—	—
	Dunmow	0	34	—	—
4.	Harrogate	0	40	55·1	52·2
	Sheffield	0	42	57·2	50·6
	Birmingham	0	34	54·6	49·5
	Nottingham	0	40	60·3	53·7
5.	Kew	0	36	60·7	54·0
	Canterbury	0	41	59·8	54·7
	Portsmouth	0	40	63·5	56·5
6.	Glasgow	0	40	—	—
7.	Newton Rigg	0	35	58·9	53·2
	Bettws-y-Coed	0	42	57·4	52·4
	Manchester (Oldham Road)	0	45	60·0	54·2
8.	Llangammarch Wells	—	—	57·0	52·0
	Bath				
	Plymouth	0	42	62·9	—
9.	Armagh	0	42	59·3	54·3
	Markree	0	47	61·5	—
10.	Dublin, Trin. Coll.	0	45	59·2	54·9
11.	Guernsey, Brooklyn	0	42	59·5	56·0

V.—OBSERVATIONS IN THE UPPER AIR.—Temperature, Humidity and Wind Velocity.

Date of Observation.	Station and its Height above M.S.L.		Heights in feet above Mean Sea Level.							Remarks.
			Ground Level.	1,660.	3,320.	5,000.	6,660.	8,320.	10,000.	
1906.		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.	No kite ascents possible owing to want of wind.							
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								

63, Victoria Street, London, S.W.
June 27th, 1906.

W. N. SHAW,
Director.

WEEKLY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE,

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TWENTY-NINTH YEAR. *Vol. XXIII. (New Series.)* No. 26. TWENTY-SIXTH WEEK, ENDING SATURDAY, JUNE 30TH, 1906. *Price 6d. Annual Subscription post paid £1 10s. 0d.*

I.—GENERAL REMARKS.

Weather was unsettled, with occasional rain, throughout the whole period in Ireland and the extreme north and north-west of Scotland. Over the Kingdom generally the earlier half of the period was mostly fair, but thunderstorms occurred in many parts of England on the 24th, and again at a few south-eastern stations on the 28th or 29th. The rain, which fell on Thursday or during the early hours of Friday, was very heavy over the southern counties of England. Sleet showers were experienced at Edinburgh on Sunday and at Wick on Thursday.

Temperature was below the average generally, but just equal to it in England E. and slightly above it in England N.E. and the Channel Islands. The highest of the maxima occurred, as a rule, during the earlier half of the week, and ranged from 78° in England E. and the Midland Counties to 68° in Ireland N. and to 67° in Scotland N., while the lowest of the minima, recorded on Saturday, varied between 34° in Scotland N. and 36° in Scotland E. and the Irish districts to 40° in Scotland W. and England E., and to 48° in the Channel Islands. In the latter part of the week ground frost occurred in the northern parts of Ireland and Scotland.

Rainfall was in excess of the average except in Scotland E. and W., England N.E. and Ireland N. In most districts the excess was considerable or large; in England E. the fall was more than three times the average. The heaviest individual falls were measured on Friday morning—1·71 in. at Oxford, 1·80 in. at Hillington and Epsom, 1·93 in. at Cambridge, 2·07 ins. in London, and 2·19 in. at Rothamsted. At Kew the fall up to 10 a.m. equalled 2·36 ins.

Bright Sunshine was deficient generally, but exceeded the normal in England S. and E. and in Ireland N., and just equalled it in Ireland S. The percentage of the possible duration ranged from 44 in England E., and 43 in England S. to 29 in England S.W. and to 24 in Scotland N.

Barometer and Wind.—At the commencement of the week pressure was lowest off our north-western coasts and relatively low in a secondary depression extending thence to the Netherlands, while the highest readings lay over the Spanish Peninsula. Pressure subsequently became highest over central and southern Europe, while depressions passing North-Eastwards off our north-western and northern coasts and small secondaries over our Islands caused the general direction of the wind to be South-West and West. On Thursday, however, a Northerly breeze had set in on all our western coasts in the rear of a secondary disturbance lying over our south-western counties, and as this system became deeper and moved Eastwards to the south-east of England and the Netherlands the Northerly current increased greatly in force on all our southern and south-eastern coasts. By the end of the week the barometer had become highest over the Bay of Biscay, France, and the south-western half of the United Kingdom and the general direction of the wind North-Westerly.

Earthquake Shocks were felt at Arlington, Hereford and Llangammarch Wells, and, according to the newspapers, in most parts of South Wales and the west of England at about 9 45 a.m. on the 27th.

SUMMARY OF TEMPERATURE, RAINFALL, AND DURATION OF BRIGHT SUNSHINE IN THE UNITED KINGDOM, FOR AGRICULTURAL AND SANITARY PURPOSES.

THE WEEK (26th)—June 24th to June 30th, 1906.

DISTRICTS. (See p. 152.)	Temperature. Highest.	Lowest.	Means of Daily Max.	Daily Min.	Daily Mean.	Difference from Av. (35 Yrs.)	Accumulated. Number of Day-Degrees. Above 42°	Difference from Av. (25 Yrs.)	Below 42°	Difference from Av. (25 Yrs.)	Rainfall. Number of Rain-Days.	Diff. from Av. (35 Yrs.)	Total Fall.	Difference from Average (35 Yrs.)	Sunshine. Hours recorded.	Diff. from Av. (25 Yrs.)	Percentage of Possible Duration	Diff. from Av. (25 Yrs.)
	°	°	°	°	°	°	Day-deg.	Day-deg.	Day-deg	Day-deg.			Inches.	Inches.			%	%
0. SCOTLAND, NORTH ..	67	34	57·6	45·9	51·4	− 2·6	66	− 13	0	0	7	+ 3	0·91	+0·24	30	− 5	24	− 4
Eastern 1. SCOTLAND, EAST ..	73	36	61·5	47·1	53·8	− 2·0	83	− 11	0	0	4	+ 1	0·26	−0·31	38	− 1	32	− 1
Eastern 2. ENGLAND, N.E. ..	75	39	65·7	51·5	58·1	+ 0·2	113	+ 8	0	0	3	0	0·27	−0·23	35	− 6	30	− 5
Eastern 3. ENGLAND, EAST ..	78	40	68·0	52·5	59·7	0·0	124	+ 6	0	0	3	0	1·69	+1·18	51	+ 3	44	+ 2
Eastern 4. MIDLAND COUNTIES	78	38	65·0	51·6	57·9	− 0·9	111	− 5	0	0	3	0	1·02	+0·46	36	− 11	31	−10
Eastern 5. ENGLAND, SOUTH ..	74	37	65·3	52·4	58·4	− 1·1	115	− 10	0	0	2	− 1	1·18	+0·69	49	+ 2	43	+ 2
Western 6. SCOTLAND, WEST ..	71	40	60·8	47·6	53·8	− 2·9	83	− 16	0	0	4	0	0·52	−0·24	46	+ 3	38	+ 2
Western 7. ENGLAND, N.W. ..	71	38	61·8	51·5	56·3	− 1·4	100	− 9	0	0	3	0	0·66	+0·05	40	− 3	34	− 3
Western 8. ENGLAND, S.W. ..	71	37	62·8	52·6	57·3	− 1·2	107	− 7	0	0	3	0	1·25	+0·63	33	− 15	29	14
Western 9. IRELAND, NORTH ..	68	36	60·8	48·4	54·2	− 2·2	85	− 16	0	0	5	+ 1	0·51	−0·14	38	+ 1	32	+ 1
Western 10. IRELAND, SOUTH ..	71	36	63·4	50·4	56·4	− 1·7	101	− 10	0	0	5	+ 1	0·80	+0·14	39	0	34	0
11. CHANNEL ISLANDS..	73	48	65·4	54·5	59·6	+ 0·3	123	+ 1	0	0	2	− 1	0·95	+0·45	48	− 9	42	− 8

THE SEASON (**Summer**).—Aggregates, &c., for the Period of 4 Weeks, June 3rd to June 30th, 1906.

0. SCOTLAND NORTH ..	78	34	*	*	*	*	324	+ 40	0	− 4	12	− 3	1·19	−1·33	147	+ 2	30	0
Eastern 1. SCOTLAND, EAST ..	82	33	*	*	*	*	382	+ 49	0	− 2	11	− 2	0·92	−1·21	173	+ 8	36	+ 2
Eastern 2. ENGLAND, N.E. ..	80	34	*	*	*	*	408	+ 46	0	− 1	10	− 2	1·32	−0·55	179	+ 15	38	+ 3
Eastern 3. ENGLAND, EAST ..	79	33	*	*	*	*	410	− 6	0	− 1	8	− 3	2·37	+0·44	225	+ 42	49	+ 9
Eastern 4. MIDLAND COUNTIES	81	33	*	*	*	*	426	+ 9	0	− 1	9	− 3	2·09	−0·07	195	+ 35	42	+ 8
Eastern 5. ENGLAND, SOUTH ..	81	28	*	*	*	*	417	− 31	0	0	6	− 5	1·84	−0·07	240	+ 52	53	+11
Western 6. SCOTLAND, WEST ..	83	40	*	*	*	*	402	+ 46	0	− 1	9	− 5	1·33	−1·55	193	+ 16	41	+ 3
Western 7. ENGLAND, N.W. ..	78	38	*	*	*	*	422	+ 31	0	0	9	− 3	1·40	−0·84	205	+ 27	44	+ 6
Western 8. ENGLAND, S.W. ..	77	37	*	*	*	*	424	+ 10	0	0	8	− 4	2·23	−0·09	198	+ 12	44	+ 3
Western 9. IRELAND, NORTH ..	78	36	*	*	*	*	376	+ 6	0	0	11	− 4	1·53	−0·92	168	+ 11	36	+ 2
Western 10. IRELAND, SOUTH ..	79	36	*	*	*	*	452	+ 44	0	0	14	0	2·00	−0·55	180	+ 11	39	+ 3
11. CHANNEL ISLANDS..	78	44	*	*	*	*	452	+ 9	0	0	5	− 7	1·08	−0·82	237	+ 9	53	+ 2

THE YEAR.—Aggregates, &c., for the period of 26 Weeks, December 31st, 1905, to June 30th, 1906.

0. SCOTLAND, NORTH ..	78	8	*	*	*	*	626	− 92	646	+ 87	130	+20	26·09	+4·20	616	− 27	27	− 1
Eastern 1. SCOTLAND, EAST ..	82	11	*	*	*	*	813	− 41	624	+ 20	104	+12	14·96	+1·45	778	+ 56	34	+ 2
Eastern 2. ENGLAND, N.E. ..	80	18	*	*	*	*	975	+ 76	464	− 22	97	+11	10·59	−0·11	820	+ 39	36	+ 2
Eastern 3. ENGLAND, EAST ..	79	23	*	*	*	*	1065	− 28	413	−119	90	+ 5	11·89	+1·57	900	+101	39	+ 4
Eastern 4. MIDLAND COUNTIES	81	18	*	*	*	*	1099	− 16	486	− 56	94	+ 9	12·33	+0·23	783	+ 65	34	+ 3
Eastern 5. ENGLAND, SOUTH ..	81	20	*	*	*	*	1131	− 65	351	− 39	93	+ 9	13·97	+2·09	947	+122	42	+ 5
Western 6. SCOTLAND, WEST ..	83	14	*	*	*	*	920	− 1	419	− 2	105	+ 6	22·86	+1·68	768	+ 28	33	+ 1
Western 7. ENGLAND, N.W. ..	78	16	*	*	*	*	978	− 41	379	− 13	101	+11	17·71	+3·73	769	+ 40	34	+ 2
Western 8. ENGLAND, S.W. ..	77	19	*	*	*	*	1120	− 41	327	+ 31	102	+13	21·51	+4·86	875†	+ 82†	38†	+ 4†
Western 9. IRELAND, NORTH ..	78	20	*	*	*	*	903	−123	355	+ 1	130	+21	19·02	+2·96	708	− 2	31	0
Western 10. IRELAND, SOUTH ..	79	24	*	*	*	*	1204	− 17	264	0	118	+19	18·00	−0·59	795	− 13	35	− 1
11. CHANNEL ISLANDS..	78	27	*	*	*	*	1294	− 68	79	− 35	105	+ 9	14·73	+0·23	995	+ 23	44	+ 1

† Corresponding values for some previous weeks have been altered owing to the receipt of further information.

Bright Sunshine.—For certain of the Districts the values of Bright Sunshine in this Table are based on the records from a part only of the Stations included in the Tables under II. and IV. For certain of the Stations Mean Values are not available, and for the Districts containing these Stations the "Difference from Average" is based on the records from a smaller number of Stations than those supplying the values for "Hours Recorded."

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II.—DATA from which the SUMMARY on page 151 has been calculated.

June 24-30, 1906.

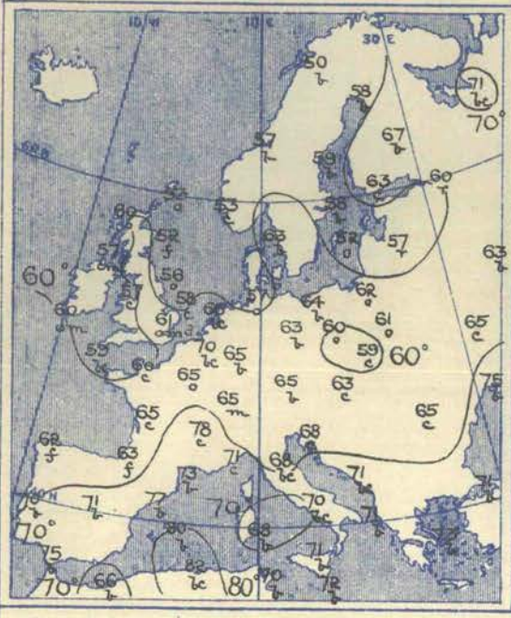
Districts.	Names of Stations.	Temperature. In Degrees Fahrenheit.								Rainfall.			Bright Sunshine.			
		Highest observed.	Lowest observed.	Averages for the Week. Of Highest each day.	Of Lowest each day.	For whole of each day.	Difference of Daily Average from Mean for the Week.	Accumulated Heat for the Week (in Day-degrees). Above 42°	Below 42°	Number of Rain-Days.	Rainfall in the Week.	Difference from the Mean for the Week.	Number of Hours recorded.	Difference from the Mean for the Week.	Percentage of possible duration.	Difference from the Mean for the Week.
		°	°	°	°	°	°	Day-deg	Day-deg		Inches.	Inches.	Hrs.	Hrs.	%	%
O. SCOTLAND, N.	†Sumburgh Head (Deerness)	56	40	53·0	45·9	49·2	− 1·7	50	0	7	0·87	+ 0·39	39·0	+ 5·2	31	+ 4
	Wick	64	35	58·1	45·9	51·6	− 1·8	67	0	7	0·35	− 0·11	*	*	*	*
	†Lairg (Strathpeffer) ℌ	64	34	59·5	42·0	50·1	− 4·1	57	0	7	0·83	+ 0·21	29·8	− 5·7	24	− 5
	Stornoway	63	38	56·6	46·6	51·3	− 2·4	65	0	7	1·15	+ 0·54	31·0	− 10·3	25	− 8
	Glencarron ℌ	67	35	56·3	45·2	50·4	− 3·9	59	0	7	2·03	+ 1·00	*	*	*	*
	Fort Augustus ℌ	66	42	59·1	48·3	53·3	− 2·5	79	0	6	0·34	− 0·17	18·8	− 10·7	15	− 9
	Fort William ℌ	66	42	60·9	47·6	53·8	− 2·1	83	0	6	0·79	− 0·18	*	*	*	*
1. SCOTLAND, E.	Nairn	68	38	60·7	48·0	53·9	− 1·9	83	0	6	0·39	− 0·09	*	*	*	*
	Aberdeen	67	39	59·6	47·9	53·3	− 2·1	79	0	3	0·39	− 0·11	44·7	+ 3·1	36	+ 3
	†Balmoral (Crathes) ℌ	66	36	58·4	44·7	51·1	− 2·5	64	0	3	0·34	− 0·23	44·0	—	36	—
	†Clathick (Balruddery) ℌ	69	41	63·3	46·7	54·4	− 2·8	87	0	2	0·08	− 0·62	33·6	—	28	—
	†Leith (Edinburgh)	73	45	65·1	50·0	57·0	− 0·4	105	0	4	0·11	− 0·39	30·4	− 3·7	25	− 3
	Marchmont ℌ	71	39	61·7	45·3	52·9	− 2·3	76	0	3	0·26	− 0·39	39·1	− 3·5	33	− 3
2. ENGLAND, N.E. — Northern part.	†Alnwick Castle (Cockle Park)	71	42	64·7	48·8	56·2	+ 0·5	99	0	2	0·20	− 0·33	14·7	—	12	—
	†Shields (Newcastle)	71	40	64·9	50·0	56·9	− 0·5	104	0	3	0·15	− 0·35	33·5	+ 0·5	28	0
	Durham	71	39	64·3	50·0	56·7	− 0·5	103	0	3	0·10	− 0·43	37·1	− 2·9	31	− 2
	Scarborough ℳ	74	45	67·3	52·5	59·4	+ 2·1	122	0	2	0·10	− 0·43	32·2	—	27	—
	York	71	43	65·9	51·9	58·4	− 0·2	115	0	5	0·10	− 0·45	31·5	− 9·3	27	− 8
2. ENGLAND, N.E. — Southern part.	†Spurn Head (Saltburn)	72	48	65·6	54·6	59·7	+ 2·0	124	0	2	0·37	− 0·00	42·3	—	36	—
	†Lincoln (Skegness)	75	39	66·9	52·0	58·9	− 0·9	118	0	2	0·57	+ 0·06	44·4	—	38	—
	†Fulbeck (Rauceby)	74	40	66·1	52·0	58·6	− 0·6	116	0	3	0·55	+ 0·06	41·4	—	36	—
	(Cromer)												43·2	—	37	—
3. ENGLAND, E. — Northern part.	Hillington ℳ	78	45	68·1	51·4	59·2	+ 0·1	120	0	3	2·18	+ 1·61	40·5	− 5·5	35	− 5
	†Yarmouth (Lowestoft)	77	44	66·6	54·1	59·9	+ 1·4	125	0	3	1·40	+ 0·92	54·2	—	47	—
	Geldeston	77	47	69·2	52·3	60·2	+ 1·5	127	0	3	1·24	+ 0·78	51·0	+ 2·3	44	+ 2
	(Dunmow)												53·5	—	47	—
3. ENGLAND, E. — Southern part.	Cambridge	76	40	68·3	50·4	58·7	− 1·2	117	0	4	2·69	+ 2·15	47·4	+ 0·5	41	0
	Felixstowe	75	42	67·6	52·5	59·5	+ 0·1	123	0	2	1·37	—	61·8	—	54	—
	Clacton-on-Sea	76	42	67·3	53·6	60·0	− 0·4	126	0	2	1·03	—	59·7	—	52	—
	Rothamsted	72	41	67·3	50·9	58·5	− 0·3	116	0	3	2·28	+ 1·73	49·5	+ 3·5	43	+ 3
	†Shoeburyness (Southend)	75	43	68·4	54·0	60·7	− 0·4	131	0	2	0·85	+ 0·42	53·0	—	47	—
	London, Westminster	73	45	68·9	53·7	60·8	− 0·4	132	0	2	2·19	+ 1·65	52·6	+ 13·0	46	+ 11
4. MIDLAND COUNTIES. — Eastern part.	Harrogate	71	39	63·6	49·2	55·9	− 0·7	97	0	3	0·21	− 0·39	39·7	—	34	—
	†Bawtry (Worksop)	78	43	67·7	53·1	59·9	+ 0·9	125	0	2	0·60	+ 0·09	31·2	− 7·0	27	− 6
	Nottingham	73	40	66·3	52·4	58·9	− 0·4	118	0	2	0·54	0·00	34·4	—	30	—
	†Colly Weston (Oundle)	75	44	67·0	51·1	58·5	− 0·9	116	0	3	1·04	+ 0·55	46·3	—	40	—
	Birmingham, Edgbaston	70	43	62·8	51·7	56·9	− 1·7	104	0	2	1·34	+ 0·76	31·6	—	27	—
	Oxford	71	43	65·9	51·7	58·3	− 1·4	114	0	3	2·15	+ 1·60	33·9	− 11·5	30	− 10
4. MIDLAND COUNTIES. — Western part.	†Cheadle (Sheffield) ℳ	68	38	63·5	50·3	56·4	− 0·6	101	0	4	0·75	+ 0·08	34·3	—	29	—
	Shrewsbury	72	43	65·1	52·5	58·4	− 1·0	115	0	3	0·66	—	*	*	*	*
	Hereford ℳ	70	45	64·2	52·2	57·8	− 1·6	111	0	2	1·19	+ 0·65	*	*	*	*
	Cirencester	68	41	63·8	50·4	56·6	− 1·5	102	0	2	1·58	+ 0·99	30·1	− 15·2	26	− 13
	Bath	69	42	65·6	53·1	58·9	− 1·5	118	0	3	1·19	+ 0·63	38·0	—	33	—
	(Margate)												59·1	+ 15·2	52	+ 13
5. ENGLAND, S.	Kew	74	44	69·0	53·4	60·7	+ 0·4	131	0	2	2·39	+ 1·85	51·7	+ 6·3	45	+ 6
	Wisley, Surrey	73	42	67·7	52·2	59·4	− 0·9	122	0	2	1·46	—	50·7	—	45	—
	†Swarraton (Ventnor) ℳ	71	37	65·8	49·7	57·2	− 0·8	106	0	1	1·33	+ 0·79	38·9	− 7·1	34	− 6
	Tunbridge Wells ℳ	72	39	66·3	51·6	58·4	− 0·7	115	0	2	1·23	+ 0·70	60·8	+ 13·9	53	+ 12
	†Dungeness (Littlestone)	64	41	61·0	52·6	56·5	− 2·7	102	0	4	0·54	+ 0·17	55·6	—	49	—
	Hastings	68	45	65·2	52·4	58·4	− 0·9	115	0	2	0·65	+ 0·19	53·4	− 0·3	47	0
	Southampton	73	44	68·1	54·1	60·6	− 0·3	130	0	2	1·11	+ 0·59	48·2	− 1·4	42	− 1
	†Portland Bill (Worthing)	61	46	59·1	53·4	56·1	− 2·8	99	0	2	0·70	—	46·7	—	41	—
	(Eastbourne)												57·8	+ 5·6	51	+ 5
6. SCOTLAND, W.	Laudale, Loch Sunart	65	40	60·1	48·8	54·1	− 2·3	85	0	5	0·30	− 0·72	*	*	*	*
	Glasgow	67	45	60·6	49·3	54·6	− 1·9	88	0	3	0·58	− 0·12	35·8	− 0·9	30	1
	Dumfries ℌ	71	41	63·4	48·9	55·7	− 1·7	96	0	4	0·38	− 0·27	*	*	*	*
	Cally ℌ	64	40	60·1	41·2	50·0	− 6·5	59	2	3	0·95	+ 0·18	*	*	*	*
	Douglas, Isle of Man	64	43	59·9	49·7	54·4	− 1·9	87	0	3	0·37	− 0·27	56·0	+ 6·2	48	+ 5
7. ENGLAND, N.W.	Aspatria	67	40	60·6	49·0	54·4	− 2·0	87	0	4	0·77	+ 0·08	39·5	—	33	—
	Newton Rigg	71	38	63·1	48·8	55·5	− 0·2	95	0	2	0·29	− 0·31	37·5	− 10·7	32	− 9
	Stony urst	63	45	60·3	51·2	55·4	− 1·9	94	0	4	0·81	− 0·01	39·4	− 5·2	33	− 4
	Blackpool ℳ	67	48	61·5	52·9	56·9	− 1·1	104	0	2	0·63	+ 0·08	51·4	+ 6·1	44	+ 5
	Manchester, Prestwich	68	44	63·4	51·1	56·8	− 0·6	104	0	4	0·43	− 0·31	31·4	− 7·3	27	− 6
	†Liverpool Obs. (Hoylake)	67	48	61·9	53·3	57·3	− 1·3	107	0	3	0·48	− 0·07	47·8	—	41	—
	†Hawarden Bridge (Southport)	68	47	63·2	53·8	58·2	− 0·6	113	0	3	0·44	− 0·03	45·9	—	39	—
NORTH WALES	Llandudno ℳ	66	47	62·7	52·5	57·2	− 1·5	106	0	3	0·73	+ 0·23	48·8	+ 2·6	42	+ 2
	†Holyhead (Aberdovey)	63	48	59·6	52·0	55·5	− 1·9	95	0	3	0·38	− 0·16	28·2	—	24	—
	Bettws-y-Coed	65	45	61·9	50·6	55·9	− 2·9	97	0	4	1·62	—	34·3	—	30	—
SOUTH WALES	Llangammarch Wells	66	37	60·4	50·1	54·9	− 2·5	90	0	5	1·57	—	24·4	—	21	—
	Pembroke	60	47	58·1	51·7	54·7	− 2·4	89	0	4	0·97	+ 0·45	34·4	− 17·1	30	− 15
	†Cardiff (Aberystwyth)	68	41	63·1	52·3	57·3	− 2·4	107	0	3	1·05	+ 0·38	28·8	—	25	—
8. ENGLAND, S.W.	†Clifton (Torquay)	69	45	64·3	54·6	59·1	− 1·2	120	0	2	1·38	+ 0·78	33·2	− 20·1	29	− 18
	†Shaftesbury (Marlborough) ℳ	68	42	64·4	51·5	57·5	− 0·2	109	0	2	1·25	+ 0·68	21·7	− 20·6	19	− 18
	†Arlington (Newquay)	67	42	61·6	51·1	56·0	− 1·1	98	0	7	1·25	+ 0·43	*	*	*	*
	Cullompton ℳ	71	40	67·1	53·3	59·7	+ 0·5	124	0	2	1·03	+ 0·42	34·7	− 10·7	30	− 9
	Plymouth	68	45	62·5	53·9	57·9	− 1·8	111	0	3	1·74	+ 1·15	31·5	− 17·5	28	− 16
	Falmouth	67	49	63·6	54·6	58·8	0·0	118	0	2	1·03	+ 0·43	43·7	− 8·7	39	− 8
9 IRELAND, N. — Western part.	Malin Head	63	46	59·1	51·0	54·8	− 0·9	90	0	5	0·30	− 0·23	*	*	*	*
	Edenfel	65	36	60·6	46·7	53·2	− 2·8	78	0	3	0·35	− 0·38	*	*	*	*
	Blacksod Point	61	42	59·0	49·7	54·0	− 3·0	84	0	5	0·56	− 0·08	*	*	*	*
	Markree Castle	67	39	62·0	46·6	53·8	− 2·3	83	0	5	0·42	− 0·32	40·4	+ 3·9	34	+ 3
9 IRELAND, N. — Eastern part.	Armagh	68	42	62·7	48·2	55·0	− 2·1	91	0	6	0·31	− 0·32	35·6	− 2·7	30	− 2
	Donaghadee	67	41	61·6	48·0	54·3	− 2·1	86	0	5	1·12	+ 0·52	*	*	*	*
10. IRELAND, S. — Eastern part.	†Dublin, City (Phœnix Park)	71	43	65·8	51·5	58·2	− 0·8	113	0	5	0·34	− 0·16	45·5	+ 1·0	39	+ 1
	Kilkenny	69	37	65·1	49·4	56·7	− 1·3	103	0	4	0·50	− 0·10	*	*	*	*
	Waterford	66	40	64·4	50·3	56·9	− 1·6	104	0	3	0·40	− 0·29	*	*	*	*
10. IRELAND, S. — Western part.	Birr Castle	68	36	63·3	47·4	54·8	− 2·8	90	0	5	0·82	+ 0·19	40·6	+ 2·9	35	+ 3
	Foynes	66	40	62·0	49·6	55·4	− 2·1	94	0	6	1·19	+ 0·60	*	*	*	*
	Killarney												*	*	*	*
	Valencia	65	48	61·0	52·7	56·6	− 1·3	102	0	6	1·91	+ 1·06	39·9	− 2·3	35	− 2
	†Roches Point (Ballinacurra)	65	45	62·0	51·7	56·5	− 2·2	102	0	5	0·45	− 0·29	30·4	—	27	—
11. ENGLISH CHANNEL	Scilly, St. Mary's	66	52	62·7	56·1	59·2	+ 0·6	120	0	3	1·19	+ 0·70	54·1	− 1·6	48	− 1
	†Jersey, St. Aubins (St. Heliers)	73	48	66·6	53·3	59·5	− 0·7	123	0	2	0·52	+ 0·02	53·2	− 3·1	48	− 3
	Guernsey	71	49	67·0	54·1	60·1	+ 1·1	127	0	1	1·14	+ 0·62	35·2	− 22·5	31	− 20

Information for Stations marked ℳ is supplied by the Royal Meteorological Society, and that for Stations marked ℌ is supplied by the Scottish Meteorological Society.
* An Asterisk is inserted in all places for which the information is not usually given.
† There is no Sunshine Recorder in use at this Station. The figures entered for Sunshine are those recorded at a Station in the same district of which the name is given in brackets.

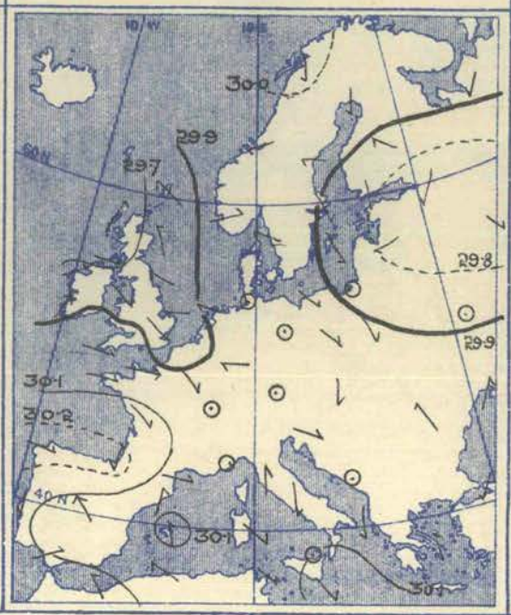
Additional Sunshine Totals for the week: Ramsgate, 62·2 hrs., 55 %; Brighton, 40·6 hrs. (− 11·6), 36 % (− 10 %); Bournemouth, 38·6 hrs., 34 %; Bognor, 48·7 hrs., 43 %; Rhyl, 49·4 hrs., 42 %; Tenby, 35·5 hrs. (− 16·9) 31 % (− 15 %).

Sunday, 24th June, 1906.

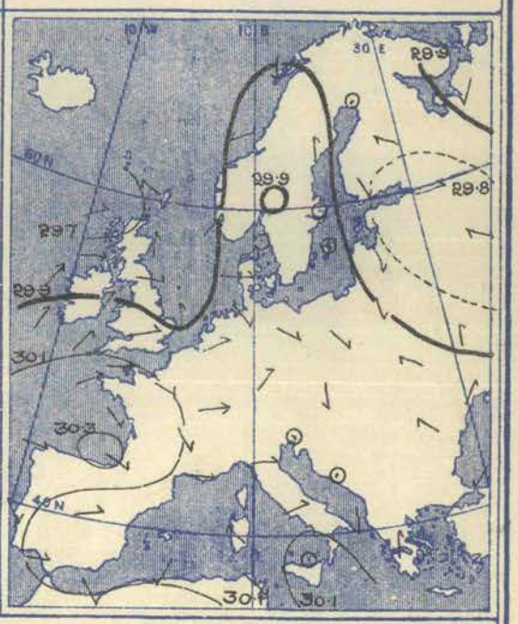
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fair or fine in most regions, but cloudy or overcast over these Islands, with drizzling rain in London; dull in the north-east of Prussia, with rain at Memel. Fog prevailing over the Straits of Dover and at Aberdeen and Corunna. Rain falling later at several of our western and northern stations, and also in various parts of Germany, Russia, and Italy. Largest amounts 1·0 in. at Kharkov and 0·6 in. at Rome and Naples. A thunderstorm, with slight rain, occurring at Nancy.

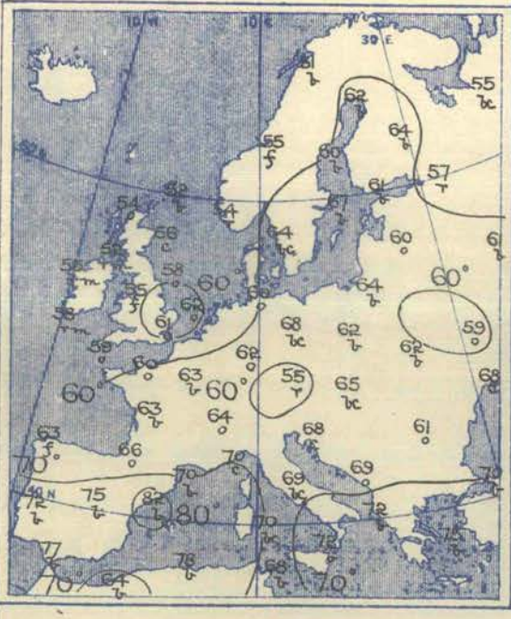
TEMPERATURE in morning as high as 82° at Algiers, 80° at Palma, and 78° at Lyons; above 70° at most southern stations, as well as at Archangel. Below 60° at many places in Ireland, Scotland, and Scandinavia; lowest figures 52° at Aberdeen and 50° at Bodö. Maxima during day 70° or a little higher in many parts of Great Britain and Sweden, between 70° and 80° at most stations in the south and centre of Europe, and above 80° in several places. Highest readings 87° at Perpignan and 93° at Madrid.

WIND in morning varying a good deal over the United Kingdom, but mainly between South and West and light or moderate in force. North-Westerly over France and Easterly over the western parts of Germany and the Low Countries. Northerly and North-Westerly winds prevailing over Sweden, the Baltic, and central Europe, and light variable breezes over the region of the Mediterranean. Backing somewhat on all our western coasts by evening.

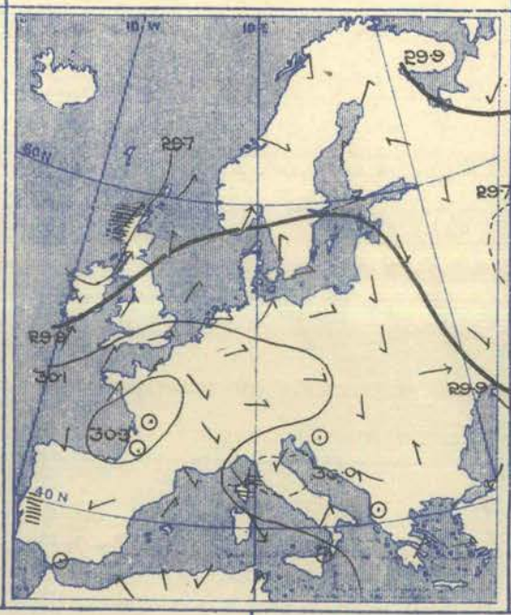
BAROMETER at 8 a.m. highest, above 30·2 ins. in an anticyclone extending from the Atlantic over the north of Spain and the adjacent part of the Bay of Biscay; lowest, 29·7 ins. and less in a depression off the west of Scotland. Below 29·8 ins. in a large, shallow disturbance over Russia. Shallow secondary systems shown over England, the north-east of France and Belgium. Pressure increasing over Ireland, England, and France later and depressions moving away north-eastwards. Southern anticyclone increasing in intensity and spreading northwards. A shallow disturbance appearing over the Plain of Lombardy.

Monday, 25th June, 1906.

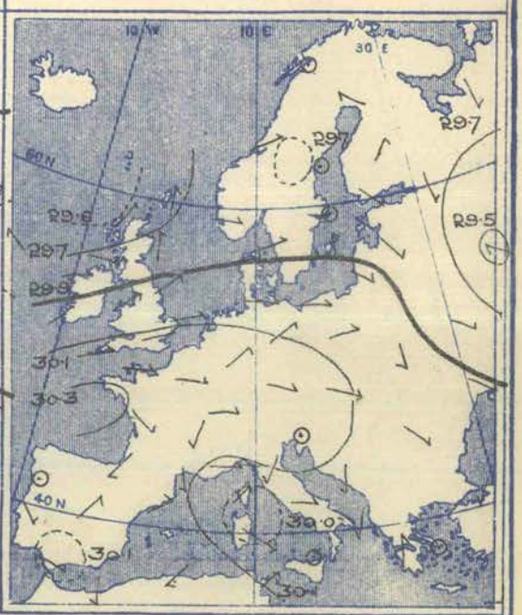
Temperature and Weather 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine and bright in Sweden, Finland, and most parts of central and southern Europe and in Algeria; cloudy or dull over our Islands, the north of France, and the west of Norway, with rain in Ireland and at Skudesnaes and fog at Holyhead, Christiansund, and also at Dungeness and Cape Gris Nez. Rain falling later over the north and west of our Islands and in various parts of Austria and Norway.

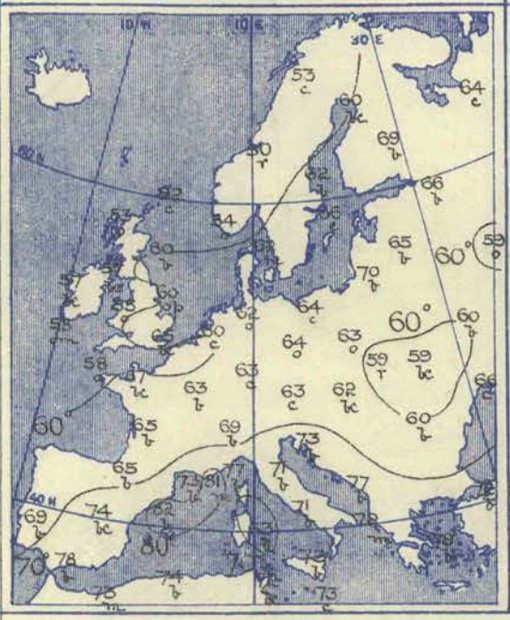
TEMPERATURE changed irregularly. Readings in morning 70° or above in the Mediterranean region and as high as 82° at Barcelona. Below 60° in Ireland, Scotland, along the west of Norway, and in the north of Russia; lowest readings 52° at Sumburgh Head and 51° at Bodö. Rising to about 70° later in many parts of England, to 77° at Stockholm and Biarritz to 79° at Berlin, and to 80° or higher at several localities in the south. Highest values 91° at Perpignan and 100° at Madrid.

WIND at 8 a.m. light to fresh from the South-Westward over our Islands generally, but North-Westerly at Blacksod Point. Cyclonic circulations of little strength shown over Russia and the Gulf of Genoa, and a feeble anticyclonic movement over the Bay of Biscay and France. No change of a general character later.

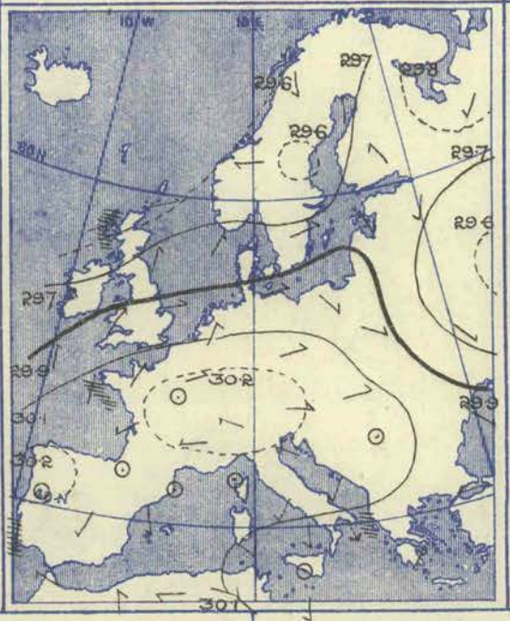
BAROMETER in morning ranging from above 30·3 ins. in an area of high pressure having its maximum over the Bay of Biscay and the west of France to less than 30·0 ins. in a depression centred over Corsica, to below 29·8 ins. in a large, shallow system over Russia, and to below 29·7 ins. in another disturbance off the north-west coasts of our Islands. Very little change in the general distribution during day. Barometer rising in Ireland and depression in north-west travelling slowly north-westwards. A small disturbance appearing over central Sweden.

Tuesday, 26th June, 1906.

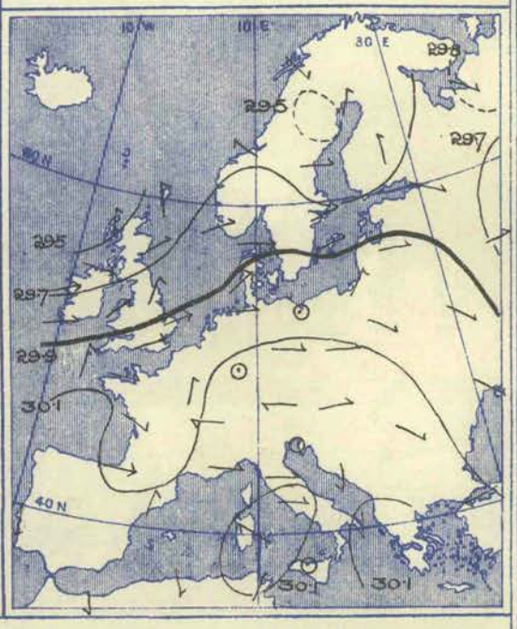
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine and bright over our area generally, but cloudy or dull in the west and south of Ireland and showery in the north-east of England; dull also at some stations in central Europe and Norway, with rain at Cracow and Christiansund. Some rain later on our west and south-west coasts, as well as at some Russian stations and in most parts of Scandinavia, largest amount 0·4 in. at Liverpool and Valencia Island.

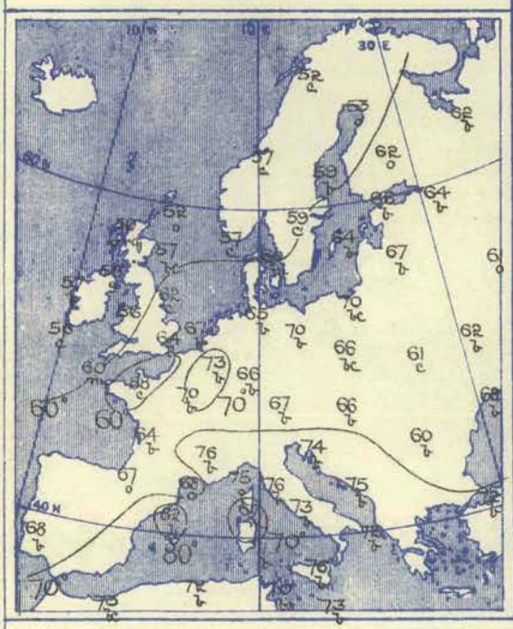
TEMPERATURE risen over our area as a whole. Readings in morning as high as 82° at San Fernando, 81° at Cape Sicié, and only slightly below 80° at several other southern stations. Below 60° in the north-west of the United Kingdom and on the coast of Norway, and as low as 50° at Christiansund. Maxima during day 75° at Haparanda, 77° at Great Yarmouth, between 75° and 85° in many Continental regions, and above 90° in places; highest value, 95° at Toulouse. Thermometer not touching 60° on the Welsh coast and in the Shetlands and Hebrides.

WIND at 8 a.m. light to fresh or strong from the South-westward over our Islands and the north-western countries generally, and light from some Northerly point over Russia. Rather variable breezes prevailing over the Mediterranean region, but mainly from between North and East. A light anticyclonic circulation shown over France and its immediate vicinity. Latter movement disappearing during day, but no other change of importance.

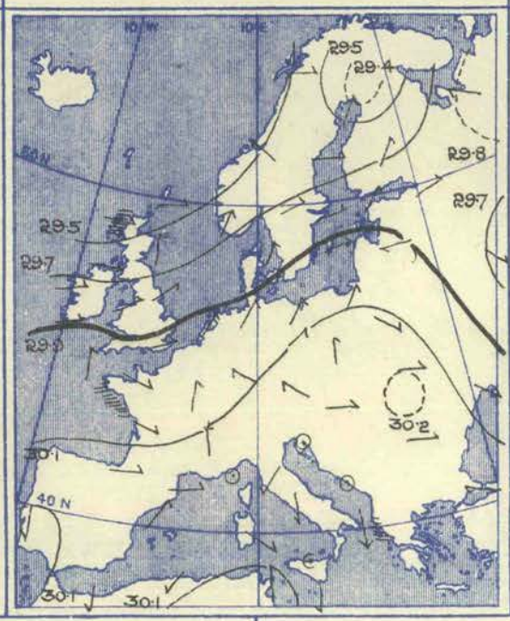
BAROMETER in morning ranging from above 30·2 ins. in an anticyclone over the greater part of France to below 29·6 ins. in a depression off our northern coasts and in another over central Russia. Pressure relatively low over the Mediterranean and Greece. Barometer falling still lower over our northern districts during day; southern high pressure system dispersing and giving place to an area of relatively low and uniform pressure.

Wednesday, 27th June, 1906.

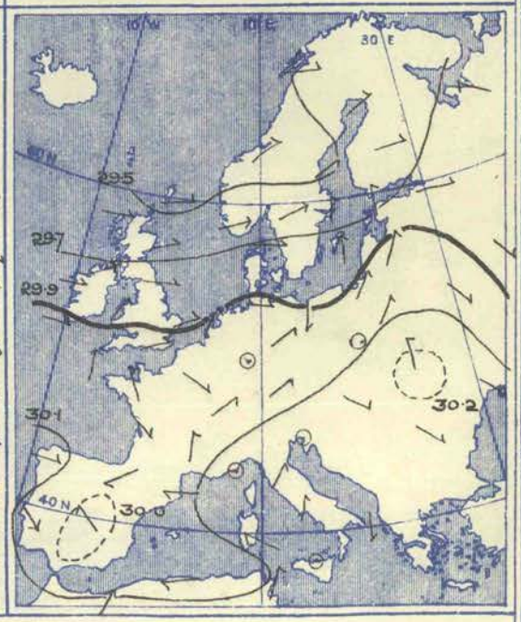
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fair or fine and bright in nearly all the regions of the Continent and the south-east of England, but much cloud prevailing over our Islands generally, with rain or passing showers at some western and northern stations, and fog at Pembroke and Dungeness. Rain falling later in various parts of these Islands, as much as 0·72 ins. at Pembroke, and a thunderstorm occurring at Biarritz.

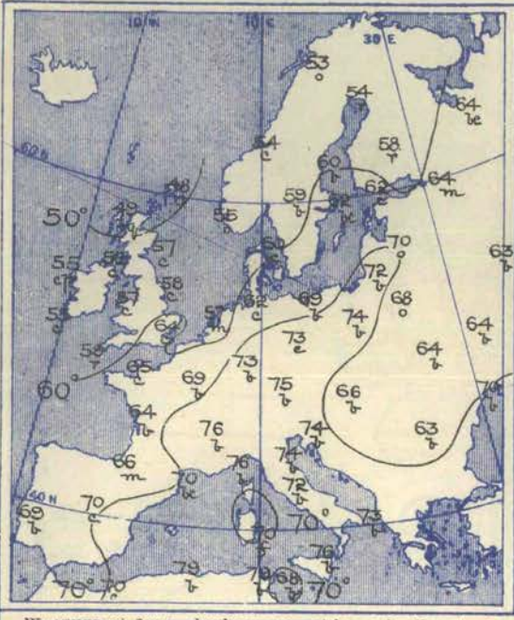
TEMPERATURE showing no decided change. Readings in morning 82° at Barcelona, 77° at Cape Sicié, and above 70° over southern Europe generally. Below 60° in the west and north of the United Kingdom and in the north and west of Scandinavia, and as low as 52° at Bodö and Sumburgh Head, and 50° at Stornoway. Rising to 99° at Madrid and 97° at Lyons during day, to about 90° at many other stations in the south, and to 80° and above over various parts of central Europe. Thermometer rising to 76° on the south-east coast of England.

WIND at 8 a.m. light or moderate from West or South-West over our Islands and the west and north of our area generally, and light and variable over all the southern countries. No change of importance taking place during day.

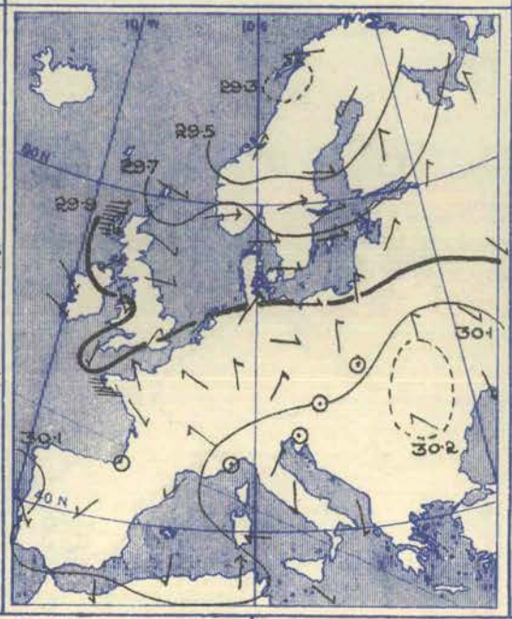
BAROMETER in morning ranging from above 30·1 ins. in a very extensive area embracing the whole of southern and a good part of central Europe to 29·7 ins. over central Russia, to less than 29·5 ins. in a large depression off the north of Scotland and the west of Norway, and to below 29·4 ins. in another minimum in Lapland. Small secondary disturbances existing near Pembroke and over the Netherlands. Northern depressions travelling eastwards later and barometer rising over Ireland and Scotland. A fresh decrease of pressure setting in at Scilly during afternoon.

Thursday, 28th June, 1906.

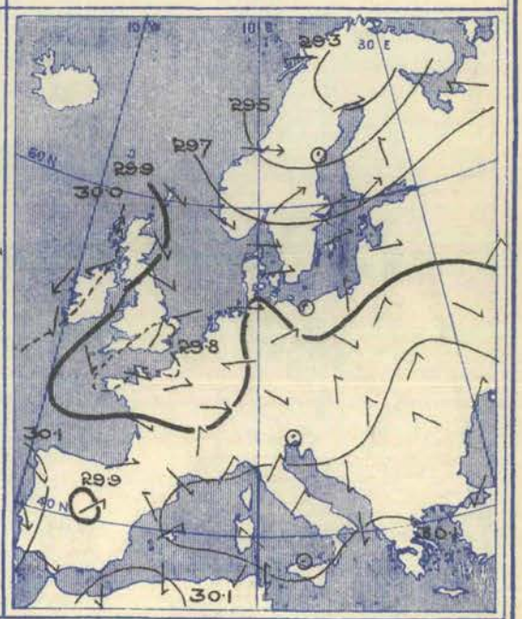
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. cloudy or overcast in nearly all parts of our Islands, Finland, Norway, the Low Countries, and the north of France, with rain in the Midlands and south-west of our Islands and at many stations in Finland. Fine and bright elsewhere. Extremely heavy rain during ensuing night over the south-east of England and in the south Midlands. As much as 1·71 in. at Oxford, 2·07 ins. in London, and more than an inch in several places. Heavy rain also falling, with thunder and lightning in the north of France and the west of Germany.

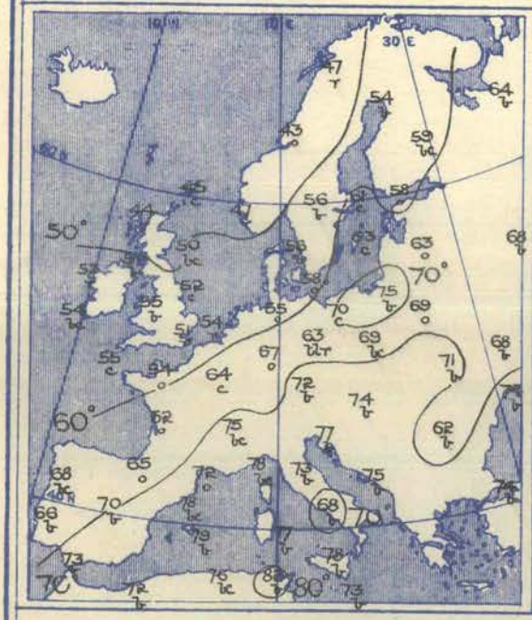
TEMPERATURE fallen in most parts of the United Kingdom, Holland, and Belgium. Readings in morning highest, (1) 79° at Algiers and La Calle and 76° at Lyons, Nice and Pesaro; (2) 74° at Breslau, 73° at Berlin, and 72° at Riga. Lowest, rather less than 50° in the extreme north of Scotland, 53° at Bodö, and 55° at Oxford. Rising during day to 103° at Lyons, 95° at Bordeaux, Madrid, and La Calle, 92° at Rome and Florence, 92° at Prague, 91° at Breslau, and above 80° in the southern and central regions generally. Thermometer not touching 50° at some stations in central England.

WIND in morning showing a complete cyclonic circulation in the far north of Europe and partial cyclonic movements over the north and south-west of our Islands. Light anticyclonic airs prevailing over all the south-eastern parts of Europe. Westerly wind blowing strongly over the southern portion of Scandinavia, but very little force as a whole. Line of demarcation between the North-Easterly and South-Westerly currents becoming very narrow by evening over the south and south-east of England.

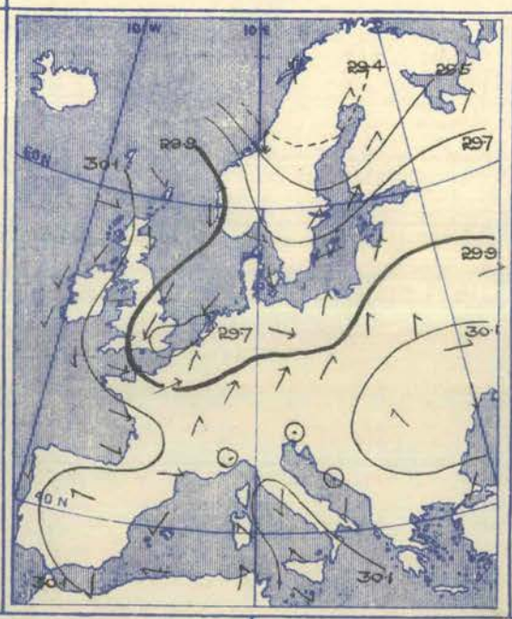
BAROMETER in morning ranging from above 30·2 ins. in an anticyclone centred over Transylvania and Roumania to below 29·9 ins. in a secondary depression over the south-west of England and to less than 29·3 ins. in a disturbance over the north of Norway. Latter system moving eastwards later and that over England expanding eastwards and moving southwards and also growing rather deeper. Barometer rising rather decidedly on our north and north-west coasts. Southern anticyclone decreasing somewhat in depth.

Friday, 29th June, 1906.

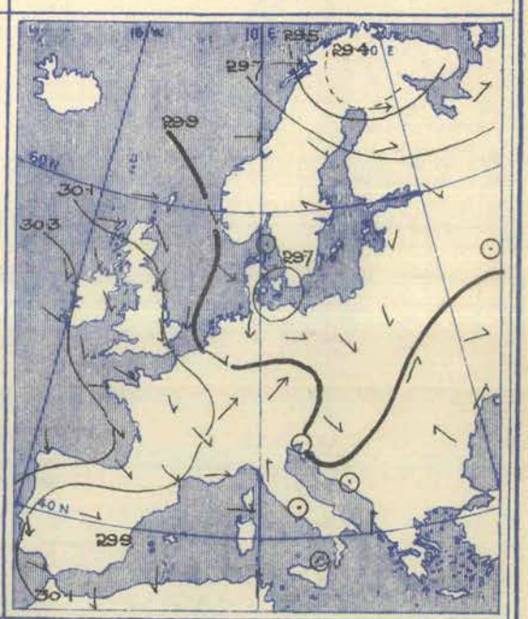
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. very rough and rainy in the south and south-east of England and over the nearer parts of the Continent, a thunderstorm prevailing at Berlin, and rain falling at Stornoway and some Norwegian stations. Fair to very fine over the north-east and south of our area. Heavy rain later in Germany, the Low Countries, and at some of our own eastern stations; largest amounts, 0·9 in. at Yarmouth, 1·0 in. at Berlin, 1·2 in. at Neu-Fahrwasser. Thunderstorms occurring at some German stations.

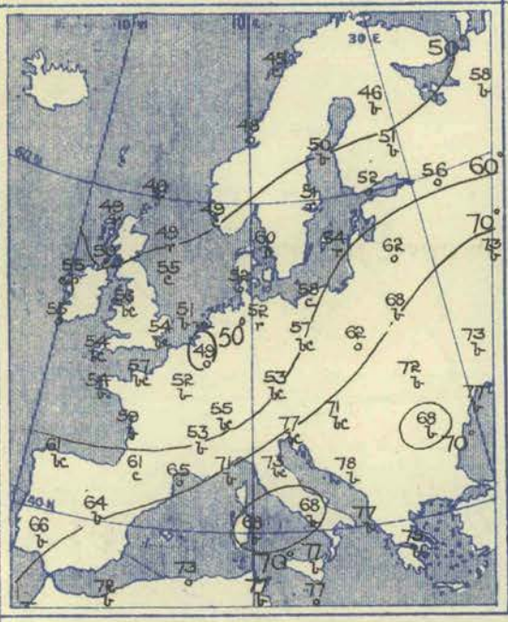
TEMPERATURE fallen in most regions, quickly in the east of Great Britain. Morning readings highest, (1) 82° at La Calle, 79° at Palma, and 78° at Nice, Palermo, and Barcelona; (2) 75° to 70° on the Baltic coast of Germany. Lowest, 43° at Christiansund, 44° at Stornoway, and 50° in central England. Rising during day to 99° at Aumale, 97° at Tunis, to above 90° at some other stations in the far south, and to 88° at Berlin. Maxima below 60° in London and in many other parts of the United Kingdom.

WIND at 8 a.m. circulating cyclonically with the force of a moderate to very strong breeze over our south-eastern counties and the adjacent portion of the Continent; a partial cyclonic movement of moderate to strong winds prevailing over Scandinavia, and light anticyclonic breezes in the south-east and east of Europe. Decreasing in force later in most parts of England, increasing in various Continental regions. Blowing a fresh to strong gale from West at Christiansund and Ulealborg.

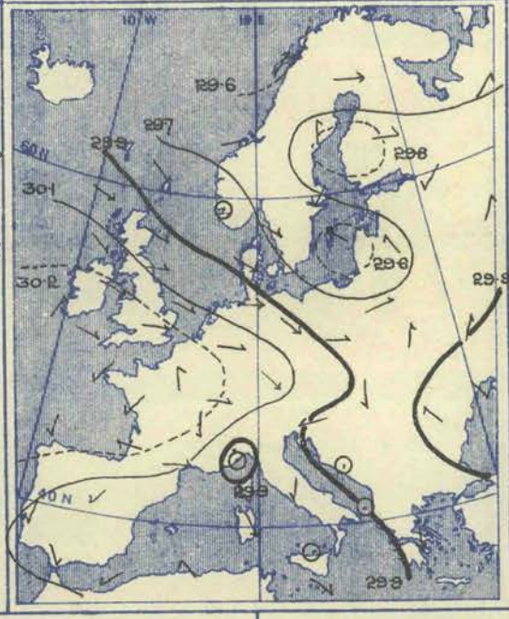
BAROMETER in morning above 30·2 ins. in the west of Ireland and the north of Spain and above 30·1 ins. over the south of Russia and its neighbourhood. As low as 29·4 ins. in a depression over the north of Scandinavia, and below 29·6 ins. in a small minimum lying over the Straits of Dover. Gradients steep in the latter region and also on the west coast of Norway. Latter system travelling away quickly during day and reaching the Baltic by evening. Scandinavian depression moving eastwards.

Saturday, 30th June, 1906.

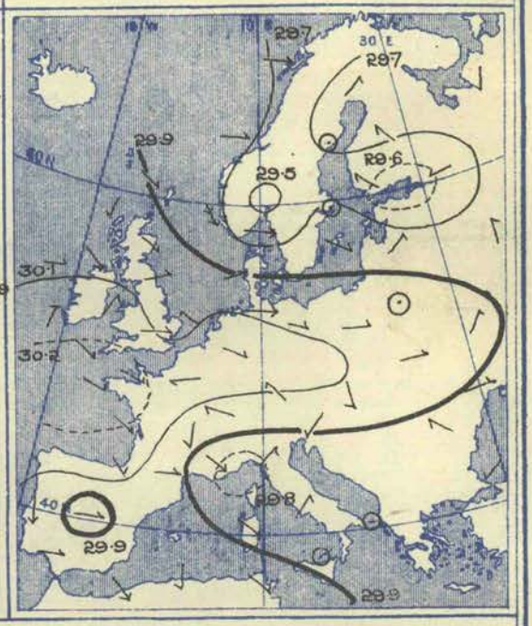
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



6 p.m.



WEATHER at 8 a.m. fine and bright over the southern and south-eastern parts of Europe, but very variable elsewhere. Showers falling in Ireland, rain in Scotland and at some stations on the shores of the Baltic, as well as at Buda-Pesth. Heavy rain later in many parts of Finland, and nearly an inch at Valencia Island. Smaller amounts in Scandinavia, Scotland, and other parts of Ireland.

TEMPERATURE fallen quickly over France, central Europe, and the Baltic region, and several degrees at some Mediterranean stations. Readings in morning above 70° at nearly all stations in southern Europe and Algeria, and as high as 79° at Athens and 78° at Lesina and Pesaro. Only a little above 50° over the greater part of this country and the north of France, and below that value in places. Lowest figures, 45° at Bodö and 40° at Sumburgh Head. Maxima during day below 65° at almost all our own stations, and below 55° in the north of Scotland. Thermometer rising to 97° at Tunis, 91° at Madrid, and to between 80° and 90° at many other southern stations.

WIND at 8 a.m. showing a cyclonic circulation over the south of Scandinavia and the Baltic, and a similar movement over the Gulf of Genoa. Fresh or strong in force in the former regions, and also at Cape Sicié and Cagliari. Moderate breezes from North-West prevailing over our Islands and light winds from North or North-East over the Bay of Biscay and the Spanish Peninsula. Wind backing towards South at Valencia by evening, but no general change taking place. A fresh gale from North-West setting in at Skudesnaes.

BAROMETER in morning ranging from above 30·2 ins. in a large anticyclone covering the south-western half of the United Kingdom, France, and the Bay of Biscay, to below 29·9 ins. in a depression over the Gulf of Genoa and to less than 29·6 ins. in a disturbance centred over the upper portion of the Baltic. Nearly as low off the north-west of Norway. Pressure giving way in Ireland later, the depression over the Gulf of Genoa growing deeper, and barometer falling to 29·5 ins. in a disturbance appearing over the extreme south of Norway.

IV.—TEMPERATURE on the Grass, and in the Ground.

	STATION.	Grass Min.		Mean Earth Temp.	
		No. of Obs. of 30° or less.	Lowest reading.	At 1 foot.	At 4 feet.
			°	°	°
2.	York	—	—	58·8	54·2
	Hull	0	37	59·4	53·7
3.	Cambridge	0	34	—	—
	Dunmow	0	34	—	—
4.	Harrogate	0	32	55·8	53·4
	Sheffield	0	37	58·4	52·1
	Birmingham	0	38	55·8	50·8
	Nottingham	0	34	60·2	55·8
5.	Kew	0	34	61·9	55·8
	Canterbury	0	38	62·8	56·6
	Portsmouth	0	43	64·9	58·7
6.	Glasgow	0	36	—	—
7.	Newton Rigg	1	30	60·4	54·1
	Bettws-y-Coed	0	45	57·9	53·4
	Manchester (Oldham Road)	0	42	61·0	55·7
8.	Llangammarch Wells	—	—	58·0	52·8
	Bath				
	Plymouth	0	40	62·7	—
9.	Armagh	0	31	58·9	55·1
	Markree	0	34	61·5	—
10.	Dublin, Trin. Coll.	0	39	59·2	55·8
11.	Guernsey, Brooklyn	0	44	62·0	57·3

V.—OBSERVATIONS IN THE UPPER AIR.—Temperature, Humidity and Wind Velocity.

Date of Observation.	Station and its Height above M.S.L.		Heights in feet above Mean Sea Level. Ground Level.	1,660.	3,320.	5,000.	6,660.	8,320.	10,000.	Remarks.
1906. June 25th. 10.0 a.m. to 11.55 a.m.	Oxshott, Surrey, 200 ft.	Temperature F.	66°	56°	55°	57°	[56°]			One kite. Wire 9,250 ft. Max. height, 6,300 ft. Overcast. Cloud level 2,400 ft.
		Humidity	80	95	90	70	[70]			
		Wind Velocity, m. per hr.	10, SW	25, WSW	28	W, 35	[W by N, 40]			
June 26th. 10.30 a.m.	Oxshott, 200 ft.	Temperature F.	Kite broke away and cannot be found.							Cloud level 3,500 ft. Light wind to 4,000 ft., very strong above. Kite fell in 8 minutes in the direction NE, 6° E.
		Humidity								
		Wind Velocity, m. per hr.								
June 27th. 12.30 p.m. to 4.55 p.m.	Brighton, 380 ft.	Temperature F.	62°	65°						Max. height 2,400 ft. Thick sea fog. Complete saturation extended up to about 1,500 ft. Very small temp. change, warmest, 66°, at the highest point.
		Humidity	80	60						
		Wind Velocity, m. per hr.	WSW, 10	25						
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								

63, Victoria Street, London, S.W.
July 4th, 1906.

W. N. SHAW,
Director.

ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE,

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TWENTY-NINTH YEAR. *Vol. XXIII. (New Series.)* No. 27. TWENTY-SEVENTH WEEK, ENDING SATURDAY, JULY 7TH, 1906. *[Price 6d. Annual Subscription post paid £1 10s. 0d.*

I.—GENERAL REMARKS.

Weather was generally fair and dry over the eastern, central, and southern parts of the United Kingdom, but less settled in the west and north. Thunderstorms occurred on Tuesday at a few isolated places in Wales and the south-west of England, and on Friday in several parts of our eastern and midland counties.

Temperature was below the average in all districts excepting the Channel Islands, the deficit being greatest in the east of England and the west and north of Scotland. The highest readings occurred at various times, but chiefly in the latter half of the week. In Ireland and the north and east of Scotland the thermometer did not rise much above 70°, but in nearly all other districts it exceeded 75°, and in the midland counties it reached 80°. The lowest readings, which were observed, as a rule, on Sunday or Monday, ranged from 33° in Scotland N., 36° in Scotland E. and 37° in England S. to 44° in Ireland S. and to 45° in the Channel Islands.

Rainfall amounted to less than the normal in all districts. At a large majority of stations in England S. and E. there was no measurable quantity, and in most other parts of Great Britain the amount collected was small. In the south of Ireland, however, the total amount was not far short of the average.

Bright Sunshine was deficient in Ireland, but exceeded the average in most parts of Great Britain. The proportion of the possible duration was as high as 66 per cent. in England E. and 59 per cent. in England S., but was below 40 per cent. in the north and east of Scotland, and below 25 per cent. in Ireland.

Barometer and Wind.—During the earlier half of the week the major part of Great Britain was under the influence of an anticyclone which extended westwards from northern and central Europe, the prevailing winds being mostly from the South-Westward in the north, but from the North-Eastward in the south. In Ireland, where the conditions were affected by a shallow depression which came in from the Atlantic, the winds were more variable. Later on the anticyclone withdrew from our neighbourhood, while a large area of low pressure extended over our western and northern districts, light to moderate breezes from the West-ward or South-Westward being experienced in nearly all places.

SUMMARY OF TEMPERATURE, RAINFALL, AND DURATION OF BRIGHT SUNSHINE IN THE UNITED KINGDOM, FOR AGRICULTURAL AND SANITARY PURPOSES.

THE WEEK (27th)—July 1st to July 7th, 1906.

DISTRICTS. (See p. 158.)	Temperature. Highest.	Lowest.	Means of: Daily Max.	Daily Min.	Daily Mean.	Difference from Av. (35 Yrs.)	Accumulated Number of Day-Degrees. Above 42°	Difference from Av. (25 Yrs.)	Below 42°	Difference from Av. (25 Yrs.)	Rainfall. Number of Rain-Days.	Diff. from Av. (35 Yrs.)	Total Fall.	Difference from Average (35 Yrs.)	Sunshine. Hours recorded.	Diff. from Av. (25 Yrs.)	Percentage of Possible Duration	Diff. from Av. (25 Yrs.)
	°	°	°	°	°	°	Day-deg.	Day-deg.	Day-deg	Day-deg.			Inches.	Inches.			%	%
0. SCOTLAND, NORTH ..	74	33	61·5	45·0	52·7	− 1·9	75	− 8	0	0	2	− 2	0·08	−0·64	44	+ 10	35	+ 8
Eastern 1. SCOTLAND, EAST ..	73	36	64·3	45·7	54·4	− 2·1	87	− 11	0	0	3	− 1	0·21	−0·40	44	+ 5	36	+ 4
Eastern 2. ENGLAND, N.E. ..	77	42	67·1	50·3	58·1	− 0·5	113	+ 2	0	0	2	− 1	0·17	−0·37	55	+ 7	47	+ 6
Eastern 3. ENGLAND, EAST ..	79	41	68·6	50·0	58·6	− 1·9	116	− 9	0	0	0	− 3	0·00	−0·53	76	+ 28	66	+24
Eastern 4. MIDLAND COUNTIES	80	38	70·6	49·3	59·2	− 0·3	120	− 1	0	0	1	− 2	0·05	−0·52	53	+ 17	46	+14
Eastern 5. ENGLAND, SOUTH ..	79	37	69·5	50·5	59·4	− 1·0	122	− 9	0	0	0	− 3	0·02	−0·48	67	+ 21	59	+18
Western 6. SCOTLAND, WEST ..	78	41	65·6	46·3	55·3	− 1·8	93	− 9	0	0	4	0	0·52	−0·28	51	+ 9	43	+ 7
Western 7. ENGLAND, N.W. ..	76	43	66·1	50·0	57·5	− 0·9	109	− 4	0	0	3	0	0·17	−0·49	50	+ 5	42	+ 4
Western 8. ENGLAND, S.W. ..	78	38	67·5	50·3	58·3	− 0·9	114	− 5	0	0	3	0	0·16	−0·50	53	+ 10	47	+ 8
Western 9. IRELAND, NORTH ..	70	41	62·3	49·5	55·4	− 1·5	94	− 10	0	0	3	− 1	0·37	−0·30	26	− 9	22	− 8
Western 10. IRELAND, SOUTH ..	71	44	64·5	51·4	57·5	− 1·1	109	− 6	0	0	5	+ 1	0·59	−0·08	28	− 11	24	−10
11. CHANNEL ISLANDS..	74	45	67·5	54·4	60·5	+ 0·4	130	+ 2	0	0	2	− 1	0·04	−0·47	68	+ 12	61	+11

THE SEASON (**Summer**).—Aggregates, &c., for the Period of 5 Weeks, June 3rd to July 7th, 1906.

0. SCOTLAND NORTH ..	78	33	*	*	*	*	399	+ 32	0	− 4	14	− 5	1·27	−1·97	195†	+ 16†	31†	+ 3†
Eastern 1. SCOTLAND, EAST ..	82	33	*	*	*	*	469	+ 38	0	− 2	14	− 3	1·13	−1·61	216	+ 13	36	+ 2
Eastern 2. ENGLAND, N.E. ..	80	34	*	*	*	*	521	+ 48	0	− 1	12	− 3	1·49	−0·91	234	+ 22	40	+ 4
Eastern 3. ENGLAND, EAST ..	79	33	*	*	*	*	526	− 15	0	− 1	8	− 6	2·37	−0·09	300	+ 69	52	+12
Eastern 4. MIDLAND COUNTIES	81	33	*	*	*	*	546	+ 8	0	− 1	10	− 5	2·14	−0·59	247	+ 51	43	+ 9
Eastern 5. ENGLAND, SOUTH ..	81	34†	*	*	*	*	539	− 40	0	0	6	− 8	1·86	−0·55	307	+ 72	54	+13
Western 6. SCOTLAND, WEST ..	83	40	*	*	*	*	495	+ 37	0	− 1	13	− 4	1·85	−1·82	244	+ 25	41	+ 4
Western 7. ENGLAND, N.W. ..	78	38	*	*	*	*	531	+ 27	0	0	12	− 4	1·57	−1·33	255	+ 32	44	+ 6
Western 8. ENGLAND, S.W. ..	78	37	*	*	*	*	538	+ 5	0	0	11	− 4	2·39	−0·59	251	+ 22	44	+ 4
Western 9. IRELAND, NORTH ..	78	36	*	*	*	*	470	− 4	0	0	14	− 5	1·90	−1·22	194	+ 1	33	0
Western 10. IRELAND, SOUTH ..	79	36	*	*	*	*	562†	+ 39†	0	0	19	+ 2	2·66†	−0·56†	209	0	36	0
11. CHANNEL ISLANDS..	78	44	*	*	*	*	582	+ 11	0	0	7	− 9	1·12	−1·29	304	+ 21	54	+ 4

THE YEAR.—Aggregates, &c., for the period of 27 Weeks, December 31st, 1905, to July 7th, 1906.

0. SCOTLAND, NORTH ..	78	8	*	*	*	*	701	−100	646	+ 87	132	+18	26·17	+3·56	667†	− 9†	27†	0†
Eastern 1. SCOTLAND, EAST ..	82	11	*	*	*	*	900	− 52	624	+ 20	107	+11	15·17	+1·05	822	+ 61	34	+ 3
Eastern 2. ENGLAND, N.E. ..	80	18	*	*	*	*	1088	+ 78	464	− 22	99	+10	10·76	−0·47	875	+ 46	36	+ 2
Eastern 3. ENGLAND, EAST ..	79	23	*	*	*	*	1181	− 37	413	−119	90	+ 2	11·89	+1·04	976	+128	41	+ 5
Eastern 4. MIDLAND COUNTIES	81	18	*	*	*	*	1219	− 17	486	− 56	95	+ 7	12·38	−0·29	836	+ 81	35	+ 3
Eastern 5. ENGLAND, SOUTH ..	81	20	*	*	*	*	1253	− 74	351	− 39	93	+ 6	13·99	+1·61	1014	+142	42	+ 6
Western 6. SCOTLAND, WEST ..	83	14	*	*	*	*	1013	− 10	419	− 2	109	+ 6	23·38	+1·41	819	+ 37	34	+ 2
Western 7. ENGLAND, N.W. ..	78	16	*	*	*	*	1087	− 45	379	− 13	104	+11	17·88	+3·24	819	+ 45	34	+ 2
Western 8. ENGLAND, S.W. ..	78	19	*	*	*	*	1234	− 46	327	+ 31	105	+12	21·67	+4·36	928	+ 91	39	+ 4
Western 9. IRELAND, NORTH ..	78	20	*	*	*	*	997	−133	355	+ 1	133	+19	19·39	+2·66	734	− 11	30	− 1
Western 10. IRELAND, SOUTH ..	79	24	*	*	*	*	1314†	− 22†	264	0	123	+20	18·66†	−0·60†	823	− 24	34	− 1
11. CHANNEL ISLANDS..	78	27	*	*	*	*	1424	− 66	79	− 35	107	+ 8	14·77	−0·24	1063	+ 35	45	+ 2

† Corresponding values for some previous weeks have been altered owing to the receipt of further information.

Bright Sunshine.—For certain of the Districts the values of Bright Sunshine in this Table are based on the records from a part only of the Stations included in the Tables under II. and IV. For certain of the Stations Mean Values are not available, and for the Districts containing these Stations the "Difference from Average" is based on the records from a smaller number of Stations than those supplying the values for "Hours Recorded."

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II.—DATA from which the SUMMARY on page 157 has been calculated.

July 1-7, 1906. Districts.	Names of Stations.	Temperature. In Degrees Fahrenheit.								Rainfall.			Bright Sunshine.			
		Highest observed.	Lowest observed.	Averages for the Week.			Difference of Daily Average from Mean for the Week.	Accumulated Heat for the Week (in Day-degrees).		Number of Rain-Days.	Rainfall in the Week.	Difference from the Mean for the Week.	Number of Hours recorded.	Difference from the Mean for the Week.	Percentage of possible duration.	Difference from the Mean for the Week.
				Of Highest each day.	Of Lowest each day.	For whole of each day.		Above 42°	Below 42°							
		°	°	°	°	°	°	Day-deg	Day-deg		Inches.	Inches.	Hrs.	Hrs.	%	%
0. SCOTLAND, N.	†Sumburgh Head (Deerness)	57	40	53·6	45·4	49·2	− 2·5	50	0	1	0·05	− 0·45	39·3	+ 6·5	31	+ 5
	Wick	67	38	60·3	45·6	52·4	− 1·7	73	0	2	0·17	− 0·33	*	*	*	*
	†Lairg (Strathpeffer)	71	33	65·7	41·9	53·0	− 1·5	77	0	1	0·03	− 0·62	47·8	+ 14·0	39	+ 11
	Stornoway	68	38	60·3	46·3	52·8	− 1·5	76	0	2	0·05	− 0·59	39·6	+ 0·6	32	0
	Glencarron	71	37	62·4	44·9	53·0	− 1·6	77	0	2	0·09	− 1·04	*	*	*	*
	Fort Augustus	74	39	64·4	46·0	54·6	− 1·7	88	0	1	0·01	− 0·57	47·3	+ 19·9	39	+ 16
	Fort William	71	41	63·7	45·0	53·7	− 2·8	82	0	2	0·13	− 0·90	*	*	*	*
1. SCOTLAND, E.	Nairn	71	36	65·4	43·9	53·9	− 2·4	83	0	1	0·11	− 0·44	*	*	*	*
	Aberdeen	70	42	61·4	48·1	54·3	− 1·9	86	0	3	0·18	− 0·43	43·3	+ 3·3	36	+ 3
	†Balmoral (Crathes)	69	37	62·4	42·1	51·5	− 2·7	67	0	4	0·31	− 0·28	46·0	—	38	—
	†Clathick (Balruddery)	72	42	66·9	44·7	55·0	− 2·8	91	0	2	0·12	− 0·58	42·8	—	35	—
	†Leith (Edinburgh)	73	47	65·0	49·1	56·5	− 1·5	102	0	3	0·37	− 0·18	41·7	+ 8·3	35	+ 7
	Marchmont	68	42	64·7	46·3	54·9	− 1·1	90	0	4	0·23	− 0·47	44·4	+ 3·0	37	+ 3
2. ENGLAND, N.E. Northern part.	†Alnwick Castle (Cockle Park)	73	44	66·4	48·2	56·7	0·0	103	0	2	0·22	− 0·34	47·1	—	40	—
	†Shields (Newcastle)	73	45	62·3	48·9	55·1	− 2·8	92	0	3	0·33	− 0·33	32·4	− 0·6	27	− 1
	Durham	71	42	65·8	47·8	56·2	− 1·8	99	0	3	0·17	− 0·43	42·5	+ 3·0	36	+ 3
	Scarborough	70	48	63·6	51·5	57·1	− 1·1	106	0	3	0·42	− 0·13	49·8	—	42	—
	York	74	47	70·3	51·9	60·5	+ 1·1	130	0	2	0·19	− 0·38	56·6	+ 10·1	43	+ 9
Southern part.	†Spurn Head (Saltburn)	69	50	63·6	54·1	58·5	− 0·2	116	0	1	0·10	− 0·29	50·7	—	43	—
	†Lincoln (Skegness)	77	43	71·8	50·1	60·2	− 0·2	127	0	0	0·00	− 0·52	71·1	—	61	—
	†Fulbeck (Rauceby)	77	44	72·8	50·2	60·7	+ 1·0	131	0	0	0·00	− 0·51	70·4	—	61	—
	(Cromer)												82·5	—	71	—
3. ENGLAND, E. Northern part.	Hillington	77	45	71·5	47·7	58·8	− 0·9	118	0	0	0·00	− 0·60	77·7	+ 31·9	68	+ 28
	†Yarmouth (Lowestoft)	70	50	63·7	53·6	58·3	− 1·1	114	0	0	0·00	− 0·54	82·5	—	72	—
	Gelderston	79	41	68·4	46·1	56·5	− 3·1	102	0	0	0·00	− 0·52	83·7	+ 35·1	73	+ 31
	(Dunmow)												77·9	—	68	—
Southern part.	Cambridge	75	42	71·5	47·7	58·8	− 2·0	118	0	9	0·00	− 0·54	73·2	+ 26·2	64	+ 23
	Felixstowe	70	42	65·3	49·9	57·1	− 3·2	106	0	0	0·00	—	80·1	—	70	—
	Clacton-on-Sea	69	47	65·6	52·1	58·4	− 2·9	115	0	1	0·06	—	71·6	—	63	—
	Rothamsted	75	45	70·8	47·7	58·5	− 1·0	116	0	0	0·00	− 0·56	73·3	+ 27·0	65	+ 24
	†Shoeburyness (Southend)	76	49	68·9	51·4	59·5	− 2·4	123	0	0	0·00	− 0·42	75·5	—	66	—
	London, Westminster	75	46	71·4	52·7	61·4	− 0·6	136	0	0	0·00	− 0·54	58·2	+ 18·2	51	+ 16
4. MIDLAND COUNTIES. Eastern part.	Harrogate	72	46	67·2	49·0	57·5	+ 0·1	109	0	3	0·15	− 0·45	41·0	—	35	—
	†Bawtry (Worksop)	78	43	74·1	50·0	61·2	+ 1·5	134	0	0	0·00	− 0·53	49·5	+ 11·5	43	+ 10
	Nottingham	76	43	72·6	49·4	60·2	+ 0·1	127	0	0	0·00	− 0·56	55·9	—	48	—
	†Colly Weston (Oundle)	80	43	74·4	49·0	60·8	+ 0·4	132	0	1	0·01	− 0·52	69·7	—	61	—
	Birmingham, Edgbaston	75	43	68·5	51·3	59·3	+ 0·1	121	0	1	0·04	− 0·53	37·9	—	33	—
	Oxford	77	43	72·1	50·0	60·3	− 0·2	128	0	0	0·00	− 0·56	67·4	+ 21·9	59	+ 19
Western part.	†Cheadle (Sheffield)	73	43	67·5	50·7	58·5	+ 0·9	116	0	1	0·02	− 0·66	38·8	—	33	—
	Shrewsbury	76	45	70·4	49·0	59·0	− 0·8	119	0	3	0·20	—	*	*	*	*
	Hereford	75	40	69·2	49·0	58·4	− 1·7	115	0	2	0·04	− 0·50	*	*	*	*
	Cirencester	76	38	69·8	46·8	57·5	− 1·4	109	0	1	0·05	− 0·55	61·3	+ 16·0	54	+ 14
	Bath	77	39	70·4	48·6	58·7	− 2·1	117	0	1	0·09	− 0·48	54·3	—	48	—
	(Margate)												65·6	+ 20·3	58	+ 18
5. ENGLAND, S.	Kew	77	47	71·9	51·2	60·8	− 0·2	132	0	0	0·00	− 0·54	60·9	+ 15·1	53	+ 13
	Wisley, Surrey	76	41	72·1	47·4	58·9	− 2·4	118	0	0	0·00	—	65·4	—	57	—
	†Swarraton (Ventnor)	76	37	70·4	46·3	57·5	− 1·4	109	0	1	0·07	− 0·48	69·1	+ 22·1	61	+ 20
	Tunbridge Wells	75	46	70·6	49·9	59·5	− 0·4	123	0	1	0·08	− 0·45	74·3	+ 27·3	65	+ 24
	†Dungeness (Littlestone)	69	44	65·9	51·4	58·2	− 1·9	113	0	0	0·00	− 0·35	62·9	—	56	—
	Hastings	73	47	68·3	52·2	59·7	− 0·4	124	0	0	0·00	− 0·47	69·1	+ 15·2	61	+ 14
	Southampton	79	44	73·2	51·8	61·8	+ 0·1	139	0	0	0·00	− 0·55	66·4	+ 16·6	59	+ 15
	†Portland Bill (Worthing)	69	50	63·7	54·1	58·6	− 1·1	116	0	0	0·00	—	72·4	—	64	—
	(Eastbourne)												73·5	+ 20·7	65	+ 18
6. SCOTLAND, W.	Laudale, Loch Sunart	72	41	64·1	46·0	54·4	− 2·3	87	0	3	0·72	− 0·36	*	*	*	*
	Glasgow	73	44	64·8	49·0	56·4	− 0·6	101	0	5	0·21	− 0·52	45·0	+ 9·6	38	+ 8
	Dumfries	78	42	70·6	46·4	57·7	− 0·2	110	0	3	0·11	− 0·57	*	*	*	*
	Cally	70	42	66·1	43·8	54·2	− 2·8	85	0	6	0·66	− 0·14	*	*	*	*
	Douglas, Isle of Man	66	42	62·4	46·3	53·8	− 2·9	83	0	3	0·88	+ 0·21	56·2	+ 7·8	48	+ 7
7. ENGLAND, N.W.	Aspatria	72	46	66·0	48·4	56·6	− 0·4	102	0	3	0·23	− 0·55	60·7	—	51	—
	Newton Rigg	74	43	66·8	45·5	55·4	− 1·0	94	0	3	0·14	− 0·56	50·2	+ 2·9	43	+ 2
	Stonyhurst	72	47	67·1	50·0	58·0	+ 0·2	112	0	3	0·23	− 0·64	51·4	+ 8·1	44	+ 7
	Blackpool	66	45	63·4	49·5	56·0	− 2·7	98	0	4	0·23	− 0·37	54·9	+ 10·4	47	+ 9
	Manchester, Prestwich	76	48	70·0	50·3	59·5	+ 1·4	123	0	4	0·09	− 0·68	37·1	− 1·1	32	− 1
	†Liverpool Obs. (Hoylake)	70	50	65·0	53·3	58·7	− 0·5	117	0	2	0·06	− 0·54	51·1	—	44	—
	†Hawarden Bridge (Southport)	74	49	67·7	50·9	58·7	− 0·8	117	0	1	0·03	− 0·47	52·9	—	45	—
NORTH WALES	Llandudno	72	49	65·3	52·1	58·2	− 1·2	113	0	2	0·15	− 0·39	50·0	+ 5·2	43	+ 5
	†Holyhead (Aberdovey)	67	49	62·0	51·1	56·2	− 1·8	99	0	4	0·40	− 0·16	42·7	—	37	—
	Bettws-y-Coed	75	43	67·4	48·7	57·4	− 2·0	108	0	5	0·18	—	47·1	—	41	—
SOUTH WALES	Llangammarch Wells	73	38	66·8	46·0	55·7	− 2·2	96	0	3	0·11	—	38·7	—	34	—
	Pembroke	65	47	62·0	50·9	56·1	− 1·6	99	0	3	0·16	− 0·39	56·9	+ 6·9	50	+ 6
	†Cardiff (Aberystwyth)	75	43	69·1	48·2	57·9	− 2·4	111	0	1	0·01	− 0·69	43·5	—	38	—
8. ENGLAND, S.W.	†Clifton (Torquay)	78	47	70·5	54·1	61·7	+ 0·7	138	0	1	0·04	− 0·60	71·6	+ 19·2	63	+ 17
	†Shaftesbury (Marlborough)	73	43	68·4	51·4	59·3	+ 0·9	121	0	1	0·09	− 0·51	63·1	+ 20·6	55	+ 18
	†Arlington (Newquay)	73	44	66·1	48·1	56·5	− 1·4	102	0	5	0·40	− 0·47	*	*	*	*
	Cullompton	78	40	71·8	48·8	59·5	− 0·5	123	0	3	0·13	− 0·51	48·7	+ 4·0	43	+ 4
	Plymouth	72	45	66·7	52·5	59·1	− 1·3	120	0	3	0·29	− 0·33	62·1	+ 13·5	56	+ 12
	Falmouth	70	48	66·4	52·9	59·2	− 0·3	120	0	3	0·20	− 0·43	66·1	+ 14·3	59	+ 13
9 IRELAND, N. Western part.	Malin Head	65	45	60·6	51·1	55·5	− 0·7	95	0	1	0·06	− 0·50	*	*	*	*
	Edenfel	68	42	63·4	46·9	54·6	− 1·9	88	0	3	0·46	− 0·29	*	*	*	*
	Blacksod Point	64	46	60·6	51·9	56·0	− 1·5	98	0	5	0·57	− 0·08	*	*	*	*
	Markree Castle	69	41	63·8	48·0	55·4	− 1·3	94	0	4	0·16	− 0·60	22·4	− 11·6	19	− 10
Eastern part.	Armagh	70	46	65·0	49·7	56·8	− 0·7	104	0	2	0·44	− 0·22	29·9	− 6·6	25	− 6
	Donaghadee	65	47	60·1	49·3	54·3	− 2·6	86	0	3	0·54	− 0·09	*	*	*	*
10. IRELAND, S. Eastern part.	†Dublin, City (Phœnix Park)	71	47	66·3	51·3	58·3	− 1·1	114	0	3	0·38	− 0·16	35·3	− 7·3	30	− 6
	Kilkenny	69	44	64·1	49·1	56·1	− 2·5	99	0	3	0·42	− 0·18	*	*	*	*
	Waterford	68	45	64·1	50·4	56·8	− 2·4	104	0	3	0·39	− 0·31	*	*	*	*
Western part.	Birr Castle	70	46	64·9	50·6	57·3	− 0·8	107	0	4	0·59	− 0·05	24·7	− 11·0	21	− 10
	Foynes	69	47	65·2	51·5	57·9	+ 0·1	111	0	7	0·75	+ 0·14	*	*	*	*
	Killarney	70	47	66·9	52·7	59·3	+ 1·1	121	0	6	1·08	+ 0·38	*	*	*	*
	Valencia	64	48	62·4	52·7	57·2	− 1·2	106	0	6	0·60	− 0·26	24·7	− 15·2	22	− 13
	†Roches Point (Ballinacurra)	65	49	62·1	52·9	57·2	− 1·9	106	0	6	0·54	− 0·19	27·6	—	24	—
11. ENGLISH CHANNEL	Scilly, St. Mary's	66	52	63·7	55·0	59·1	− 0·2	120	0	2	0·09	− 0·41	50·1	− 3·7	45	− 3
	†Jersey, St. Aubins (St. Heliers)	74	45	70·7	53·9	61·7	+ 0·5	138	0	2	0·03	− 0·48	79·0	+ 23·0	71	+ 21
	Guernsey	72	48	68·2	54·3	60·8	+ 1·0	132	0	1	0·01	− 0·52	74·2	+ 16·5	66	+ 15

Information for Stations marked ℳ is supplied by the Royal Meteorological Society, and that for Stations marked 𝒮 is supplied by the Scottish Meteorological Society.

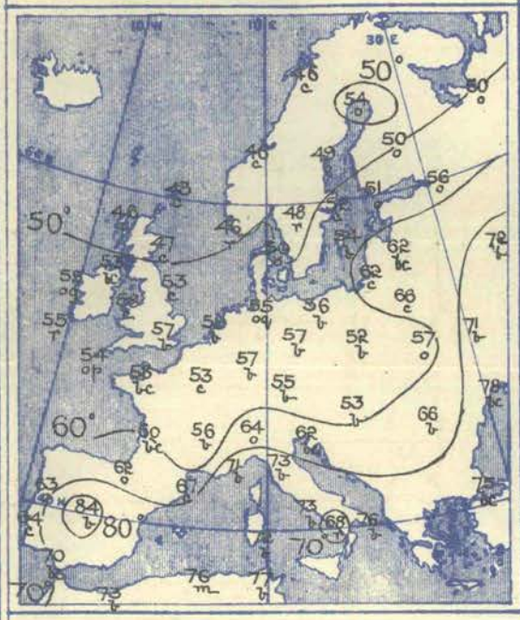
* An Asterisk is inserted in all places for which the information is not usually given.

† There is no Sunshine Recorder in use at this Station. The figures entered for Sunshine are those recorded at a Station in the same district of which the name is given in brackets.

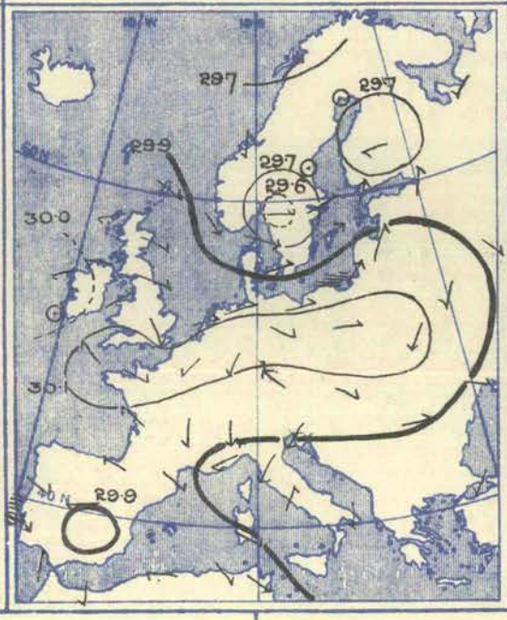
Additional Sunshine Totals for the week: Ramsgate, 70·5 hrs., 62 %; Brighton, 71·8 hrs. (+ 19·3), 64 % (+ 17 %); Bournemouth, 61·1 hrs., 54 %; Bognor, 74·3 hrs., 66 %; Rhyl, hrs., %; Tenby, 51·1 hrs. (+ 0·2) 45 % (0 %).

Sunday, 1st July, 1906.

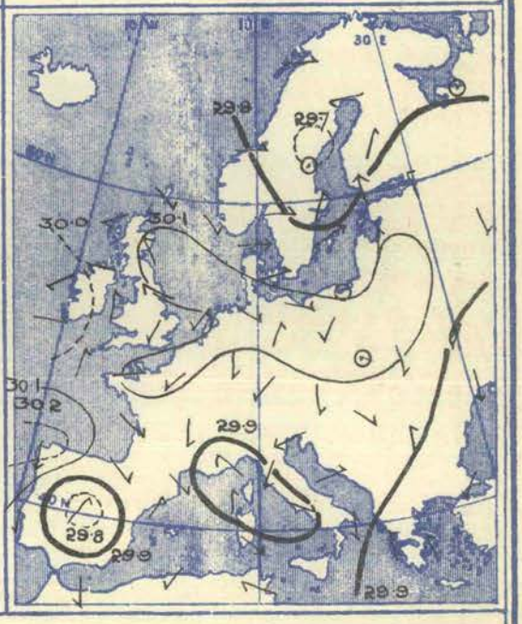
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine or fair in nearly all parts of our area except Ireland and Scandinavia; rain falling at Valencia and Birr Castle and also at Skudesnaes and Karlstad. Nearly an inch of rain falling at the last named station later and in various parts of Finland and Russia, and smaller amounts at many of our own western stations.

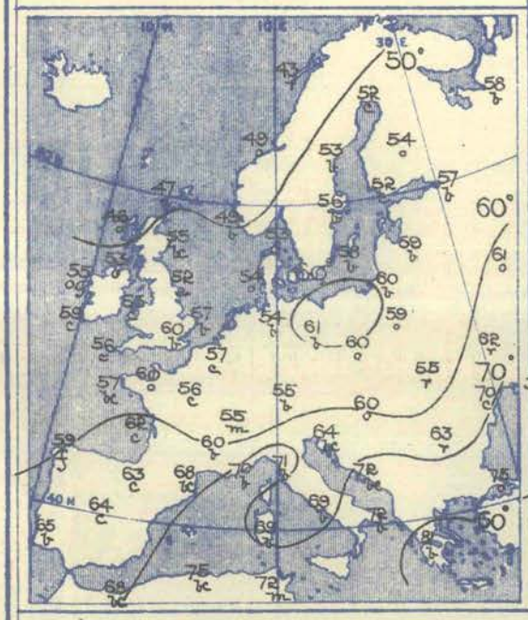
TEMPERATURE fallen generally—quickly in parts of central Europe. Readings in morning above 70° in the far south and at Moscow and as high as 84° at Madrid. Below 60° over our area as a whole, and below 50° in the north of Scotland and at some stations in the north of the Continent; lowest values, 46° along the west coast of Norway and 43° at Sumburgh Head. Rising later to 95° at Aumale, 91° at Madrid and Athens, and to above 80° in several other southern localities. Maxima low over our Islands—less than 60° in the north and north-west and less than 65° at most southern stations.

WIND in morning showing two cyclonic circulations over the northern regions of the Continent and a partial one over Ireland and its vicinity. Not much force as a whole, but a South-Westerly gale prevailing at Wisby and strong winds from West-North-West in the north of Denmark. Light and rather variable, but mainly anticyclonic airs prevalent over the central countries. Decreasing in strength in the north later, but increasing at some Italian stations.

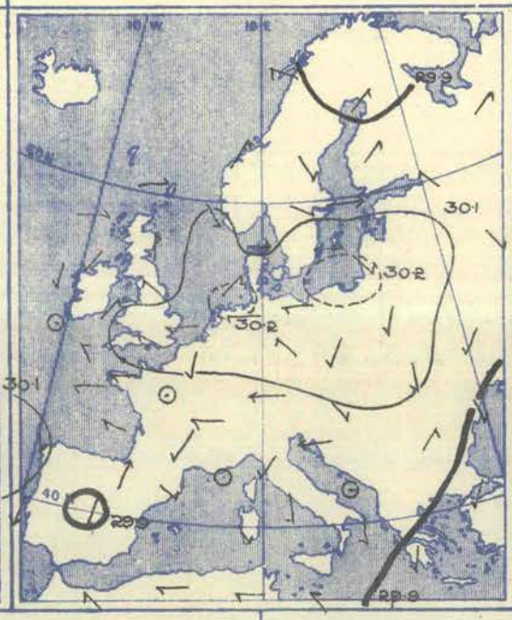
BAROMETER in morning ranging from above 30·1 ins. in an elongated high pressure system stretching from the mouth of the channel as far as Poland, to below 29·7 ins. in a depression over Finland, and below 29·6 ins. in another disturbance over the south of Scandinavia. Other depressions existing over Ireland and central Spain. Irish system extending more to the eastward during day, that over Finland entirely dispersing, and that over Scandinavia moving northwards. Anticyclone taking up a more northerly position.

Monday, 2nd July, 1906.

Temperature and Weather 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.

WEATHER at 8 a.m. fair or fine and bright as a whole, but cloudy or dull in various parts of our Islands and the east of the Continent; rainy or showery at Roche's Point, North Shields, Bodö, and at several stations in the eastern portion of central Europe. Some rain experienced later in Ireland and Scotland, and thunderstorms, with considerable or heavy rain at Biarritz and Perpignan. Large amounts of rain also falling at Cette and Barcelona.

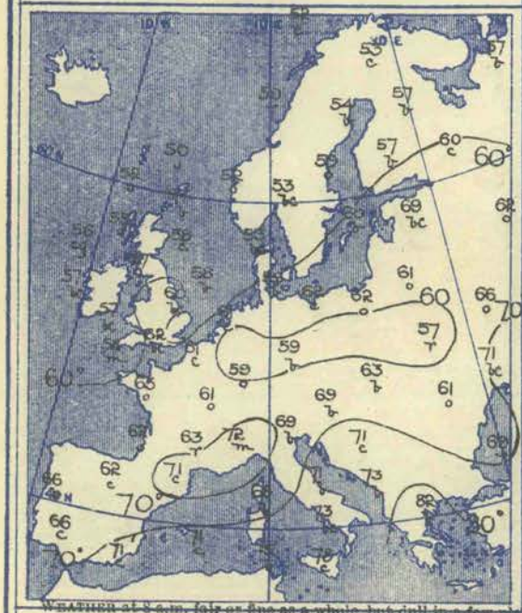
TEMPERATURE risen in most places, fallen at Madrid and at most Russian stations. Readings in morning above 70° at most stations in the far south and as high as 81° at Athens. Below 60° in most central and northern regions; lowest readings, 46° at Stornoway and 43° at Bodö. Thermometer rising to 70° during day in the centre of England, to above 70° in most parts of Germany and Austria, and to between 70° and 80° in France. Maxima above 80° in the south of our area and about 90° in Greece and at Aumale.

WIND at 8 a.m. light and rather variable generally, but mainly anticyclonic except in the south-west, south, and extreme north of our area. Little change later, but anticyclonic tendency increasing somewhat.

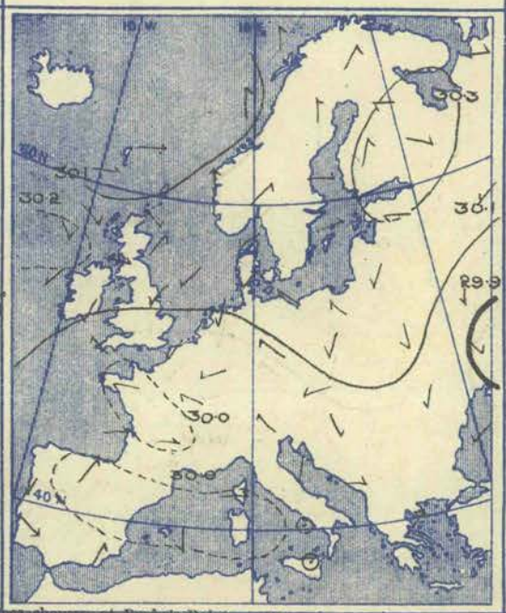
BAROMETER in morning very uniform over our Islands and all the countries of central Europe. Readings in morning above 30·1 ins. in a large irregularly shaped anticyclone covering the Baltic, the North Sea, and most of the surrounding regions. Below 29·9 ins. in the extreme north of Scandinavia and the south-east of Europe, as well as in a small minimum near Madrid. Subsequent changes slight and irregular and little modification taking place in the general distribution of pressure. Scandinavian disturbance disappearing.

Tuesday, 3rd July, 1906.

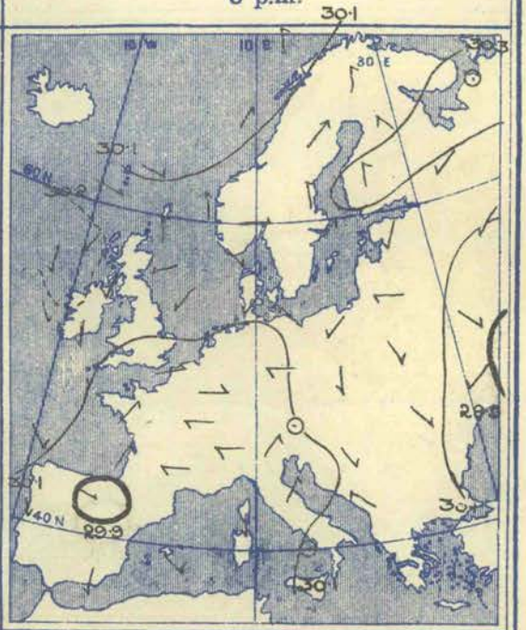
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fair or fine as a whole, but dull in a few places, showery at Roche's Point, and rainy at Limoges and Perpignan, as well as at Christiansund, Lemberg, and Constantinople. Thunderstorms, with heavy rain, later in various parts of France and slighter falls of rain in Norway and at a few Scottish stations. Slight thunderstorms occurring at Plymouth and Bournemouth.

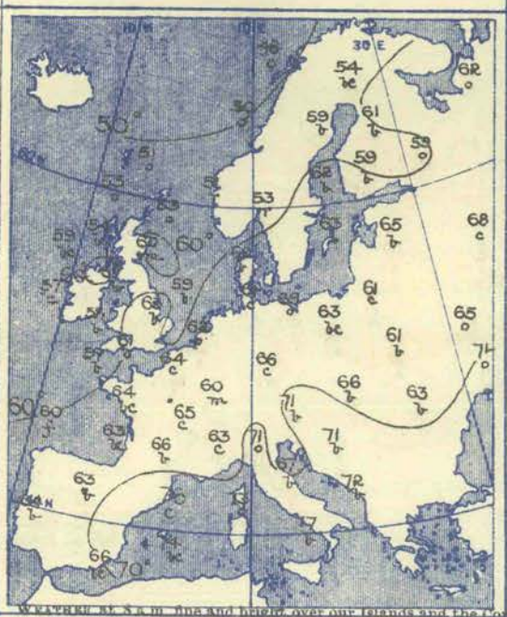
TEMPERATURE risen in almost all regions. Readings in morning as high as 82° at Patras, 78° at Malta, and 76° at Kharkoff; above 70° at many other southern stations and as high as 69° at Riga. Below 60° at some stations in France and central Europe, and below 55° at various places in the north and north-west. Lowest values, 50° at Sumburgh Head and Christiansund. Thermometer rising to 70° or rather higher in some British localities during day, to between 70° and 80° over France and central Europe, and to above 80° in the Spanish Peninsula and the Mediterranean region.

WIND in morning strong from South in the south of Norway, but light anticyclonic airs prevailing over the northern half of our area generally. Light and rather variable, but mainly cyclonic, winds in the south and south-east. No important change taking place during day.

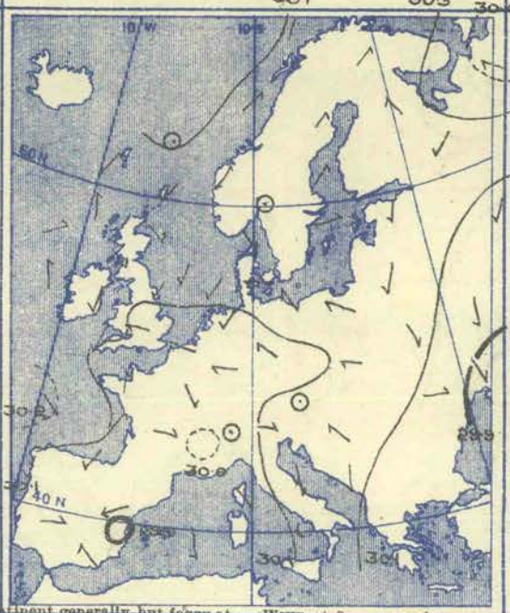
BAROMETER risen in all parts of our area—most in the north-east and north. Readings in morning ranging from above 30·3 ins. in a large high pressure system having its maximum over the Gulf of Finland, and from above 30·2 ins. over Ireland to below 30·0 ins. in some shallow depressions in the south, and to below 29·9 ins. in another system over the south of Russia. General distribution changing very little during the ensuing twenty-four hours.

Wednesday, 4th July, 1906.

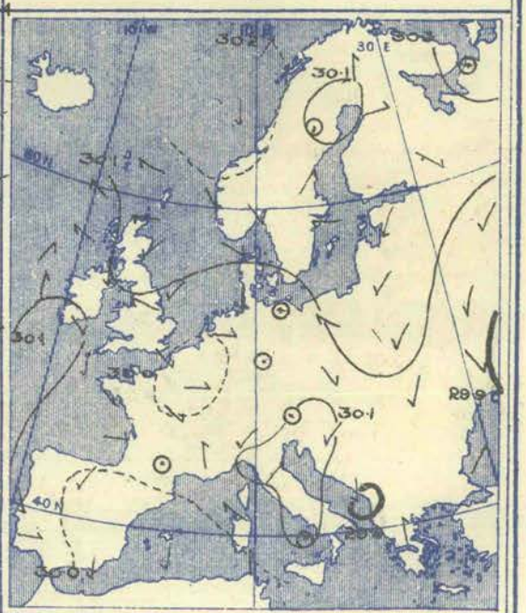
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine and bright over our Islands and the Continent generally, but foggy at Roche's Point and Corunna, rainy in the south of Scandinavia, and at Le Mans, Turin, and Bilbao, and dull in the far north of Scotland and the south of Russia. Thunderstorms, with a good deal of rain later over France, and heavy falls of rain also occurring in various parts of Germany, Belgium, Italy, and the south of Russia. Weather continuing fine and bright over the United Kingdom.

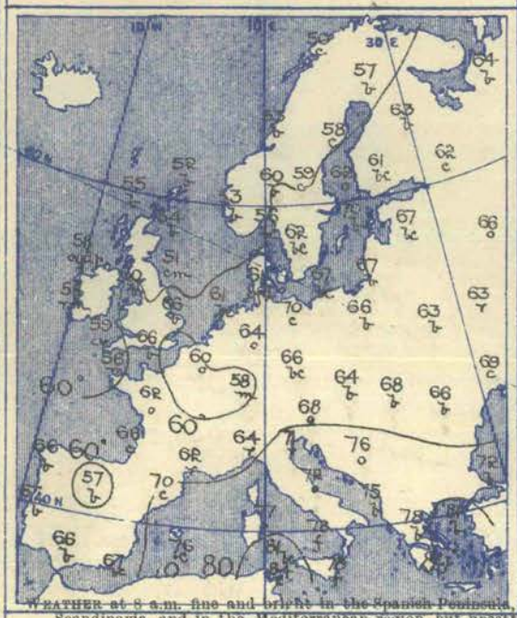
TEMPERATURE changed little and rather irregularly. Morning readings as low as 48° at Bodö and below 55° at some of our own northern stations; increasing to above 60° in most parts of central Europe, and to above 70° in the south. Highest values 76° at Palma and 77° at Malta. Rising during day to 74° at Nottingham, Oxford, and in London, and to 77° at Brighton. Maxima between 70° and 80° very generally over the southern and central countries, and above 80° in several places. Highest readings 93° at La Calle and 97° at Tunis.

WIND at 8 a.m. varying a good deal locally, but showing an anticyclonic movement in the northern and an irregular cyclonic circulation in the more southern countries. Very light in force except at Faerder and Alicante. No general change later, but anticyclonic winds becoming rather more restricted.

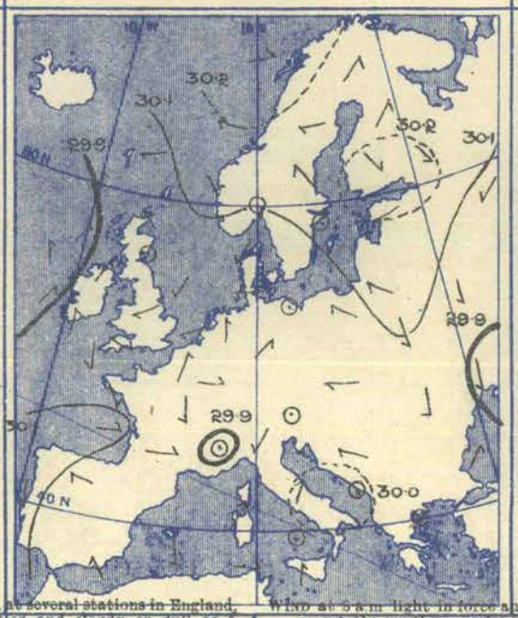
BAROMETER in morning as high as 30·4 ins. at Archangel and above 30·2 ins. in a large area of irregular shape extending thence to the east of Scotland and across Poland. Below 30·0 ins. in a shallow depression over the southern half of Spain and Algeria and rather lower in another disturbance over the Black Sea. Relatively low over France and its vicinity. Distribution growing more complicated during day; a shallow depression appearing off our north-west coasts and a deeper system over the Ionian Sea. Low pressure over France becoming more marked.

Thursday, 5th July, 1906.

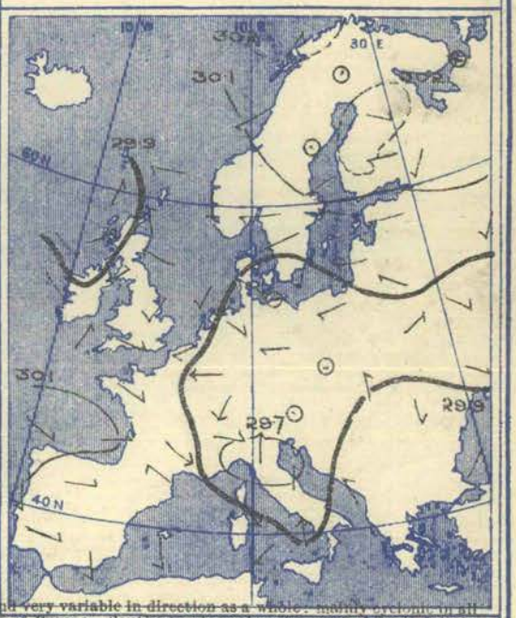
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine and bright in the Spanish Peninsula, at several stations in England, Scandinavia, and in the Mediterranean region, but unsettled and cloudy or dull as a whole. Rain falling in the extreme south of France and at Florence, as well as at Kieff, Flushing, and over Ireland, and fog and drizzle prevailing at the mouth of the Elbe. Slight rain later at many of our western and northern stations, thunderstorms in various parts of France and at Leghorn, and rain in some other Continental localities.

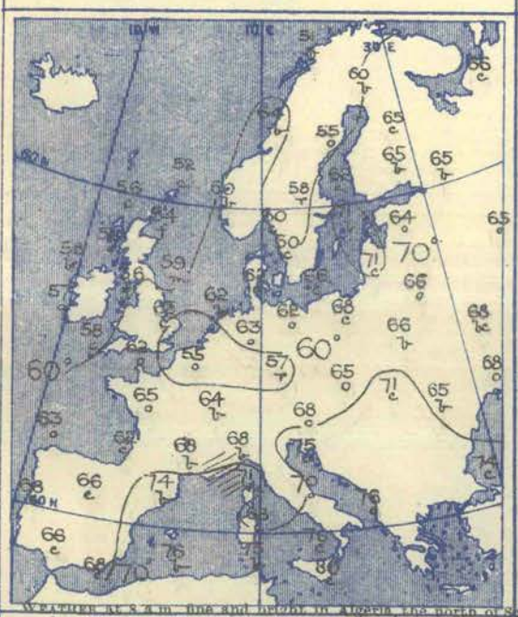
TEMPERATURE risen in most northern regions, fallen or changed irregularly in the south. Readings at 8 a.m. as high as 84° at Sfax, 81° at Athens, and above 70° in the south generally. Below 60° in most parts of Scandinavia, and in Ireland and Scotland, and as low as 50° at Bodö. Rising during day to 99° at Palermo and to above 80° in the south of our area generally, as well as at some stations in central Europe; maxima 77° at a few of our own southern stations, but only 59° at North Shields. Thermometer rising to 73° at St. Petersburg, and to 70° at Haparanda.

WIND at 8 a.m. light in force and very variable in direction as a whole; mainly cyclonic in all except the northern regions of Europe. Southerly along the west coast of Great Britain and over Ireland. Veering to the North-Westward in the west of Ireland by evening. Increasing considerably in strength from the North-Westward in the south of France and at Cagliari, and from the Southward at Palermo.

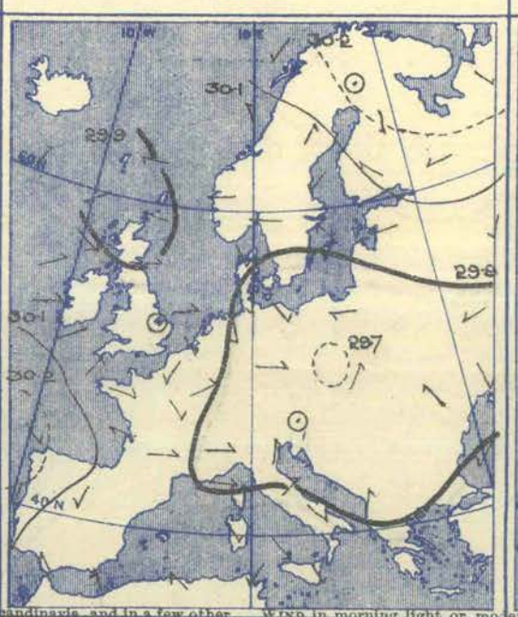
BAROMETER in morning ranging from 30·1 ins. to above 30·2 ins. over the northern parts of our area and above 30·1 ins. over the greater part of the Spanish Peninsula to less than 29·9 ins. in three depressions in the south or south-east of Europe, and also in a disturbance off the north-west of our Islands. A large area of relatively low pressure covering nearly all of France and central Europe. Barometer falling decidedly over Corsica and its neighbourhood during day and slowly over the central countries. Western depression moving north-eastwards and barometer rising again in the west of Ireland.

Friday, 6th July, 1906.

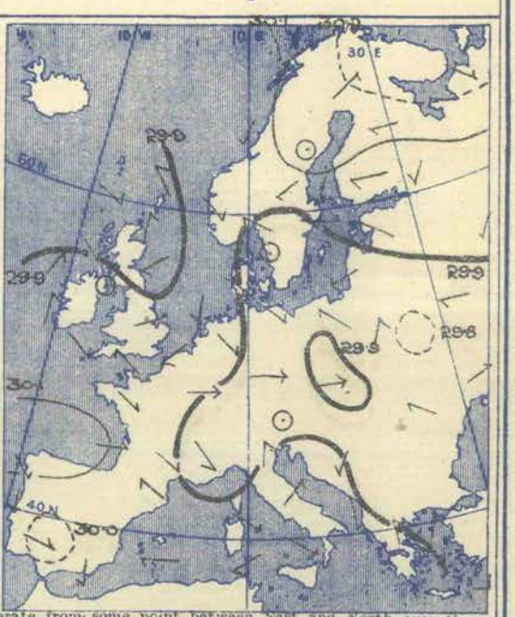
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine and bright in Algeria, the north of Scandinavia, and in a few other localities, very cloudy or quite overcast as a whole, with fog on several parts of the coast of Great Britain and rain at Karlstad and at some stations in Germany. Rain later in many parts of our islands, but nowhere heavily. At a few Continental stations there were some large amounts, as much as 0·3 in. at Munich, 1·89 ins. at Cracow, and 2·8 ins. at Faerder. Thunder occurred at Spurn Head.

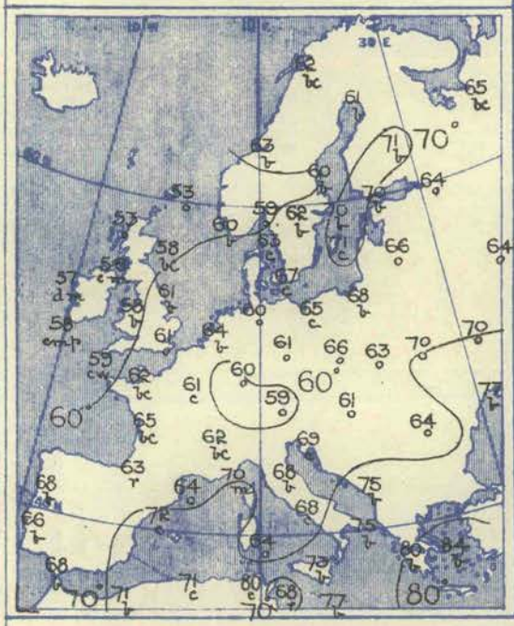
TEMPERATURE risen in Norway and Finland, fallen or changed little elsewhere. Readings in morning about 70° in the north-east of Germany and above that point at most stations in the Mediterranean region; highest value 80° at Malta. Below 60° over the major portion of the United Kingdom and at Paris, and as low as 53° at Dungeness and 52° at Wick and Sumburgh Head. Rising subsequently to 70° and upwards at some of the inland English stations to 74° in London and 76° at Nottingham, touching 80° in many parts of southern Europe. Highest maximum accorded 91° at Brindisi.

WIND in morning light or moderate from some point between East and North over the northern regions of Europe, and circulating with little force cyclonically over the central countries and the north of our Islands. No material change later.

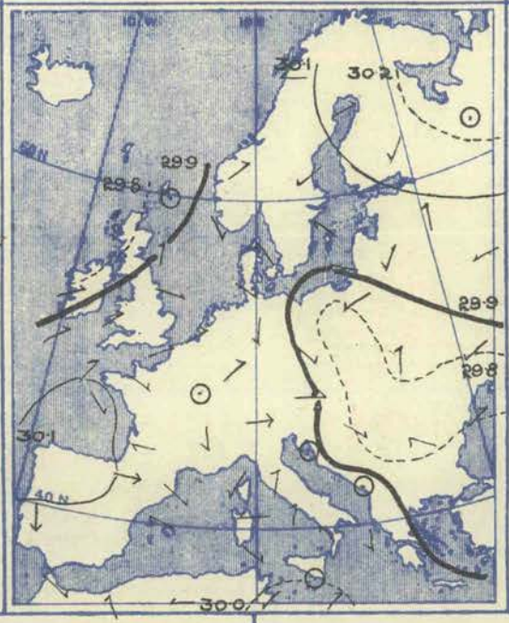
BAROMETER in morning above 30·2 ins. at Corunna and over the far north of Europe; decreasing to below 29·9 ins. in a shallow depression over Scotland, and to less than 29·7 ins. in a larger disturbance having its minimum over Austria. Very little change of importance later.

Saturday, 7th July, 1906.

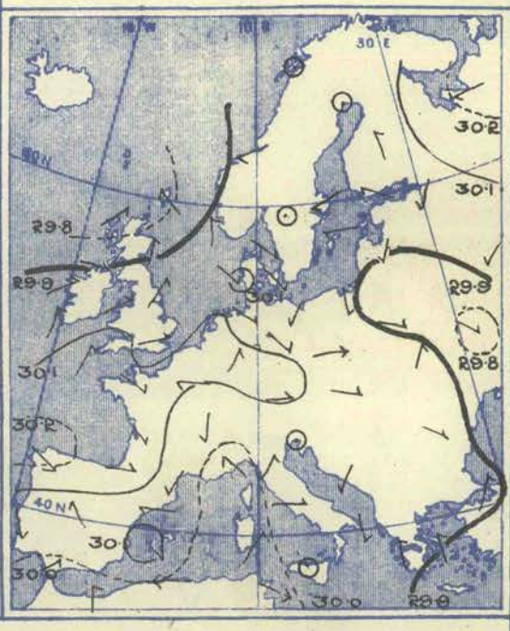
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



6 p.m.



WEATHER in morning fine and bright over Scandinavia, in many parts of Great Britain, as well as at many southern stations, cloudy or overcast in other regions, with misty showers on the west coast of Ireland. Rain later on our west and north-west coasts and also at a few stations in Russia, Germany, and Austria; largest amount, 1·26 ins. at Lemberg.

TEMPERATURE risen slightly in most places. Morning readings highest, 84° at Athens, 80° at Patras and La Calle, above 70° at several stations over the Mediterranean and southern Europe, and also on the shores of the Baltic, and above 60° except over our own northern and western districts. Lowest, 53° at Sumburgh Head and Stornoway, 55° at Wick. Rising during day to above 80° over the central and southern regions, and to 91° at Madrid, Athens, and Tunis. Highest in our Islands, 76° at Nottingham, 75° in London.

WIND mainly Easterly over Russia and Scandinavia, South-Westerly to Westerly over these Islands, North-Westerly in Germany, variable elsewhere, mostly light in force. No change of importance later.

BAROMETER highest, 30·26 ins. and upwards in an anticyclone over northern Europe, and 30·1 ins. and upwards in another over the Bay of Biscay. Lowest, 29·8 ins. and less in two shallow areas of low pressure, one off our extreme north-western coasts, the other lying over central and south-eastern Europe. Disturbance off our north-west coasts moving north-eastwards later. Southern depression passing eastwards to southern Russia.

IV.—TEMPERATURE on the Grass, and in the Ground.

	STATION.	Grass Min.		Mean Earth Temp.	
		No. of Obs. of 30° or less.	Lowest reading.	At 1 foot.	At 4 feet.
			°	°	°
2.	York	—	—	58·2	54·8
	Hull	0	40	59·3	55·1
3.	Cambridge	0	39	—	—
	Dunmow	0	39	—	—
4.	Harrogate	0	39	55·2	53·2
	Sheffield	0	41	57·5	52·9
	Birmingham	0	36	54·7	51·1
	Nottingham	0	39	61·8	56·1
5.	Kew	0	35	60·5	56·4
	Canterbury	0	39	60·8	57·8
	Portsmouth	0	42	64·0	59·1
6.	Glasgow	0	34	—	—
7.	Newton Rigg	0	37	59·9	54·7
	Bettws-y-Coed	0	42	56·9	53·3
	Manchester (Oldham Road)	0	46	60·2	56·4
8.	Llangammarch Wells	—	—	57·4	53·4
	Bath				
	Plymouth	0	40	63·4	—
9.	Armagh	0	37	58·4	55·1
	Markree	0	37	61·2	—
10.	Dublin, Trin. Coll.	0	39	58·3	55·8
11.	Guernsey, Brooklyn	0	42	63·2	58·4

V.—OBSERVATIONS IN THE UPPER AIR.—Temperature, Humidity and Wind Velocity.

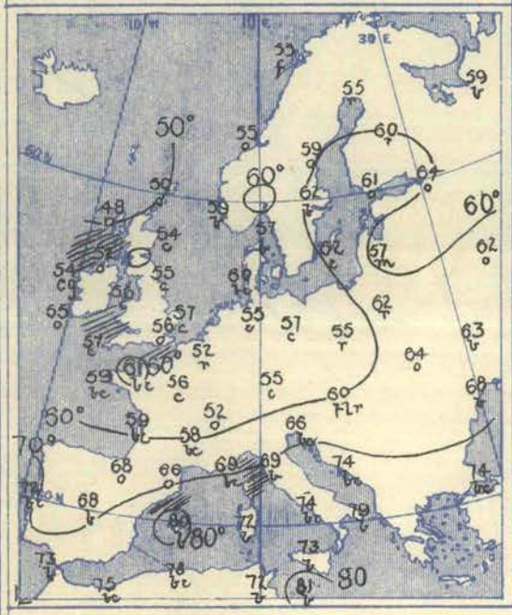
Date of Observation.	Station and its Height above M.S.L.		Heights in feet above Mean Sea Level.							Remarks.
			Ground Level.	1,660.	3,320.	5,000.	6,660.	8,320.	10,000.	
1906.		Temperature F.	Not sufficient wind to raise a kite.							
		Humidity								
		Wind Velocity, m. per hr.								
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								

63, Victoria Street, London, S.W.
July 11th, 1906.

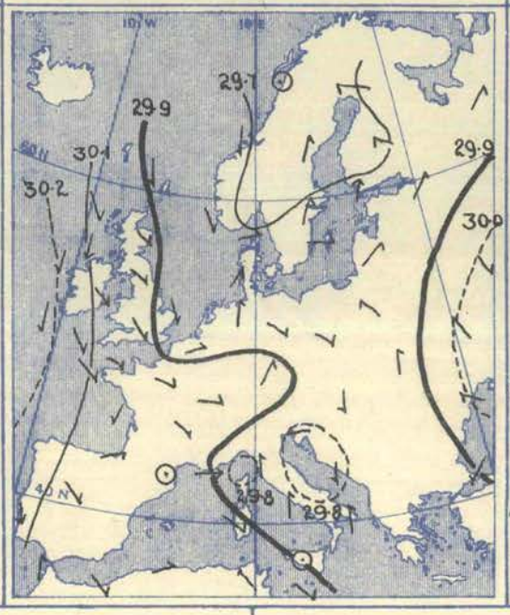
W. N. SHAW,
Director.

Saturday, 18th August, 1906.

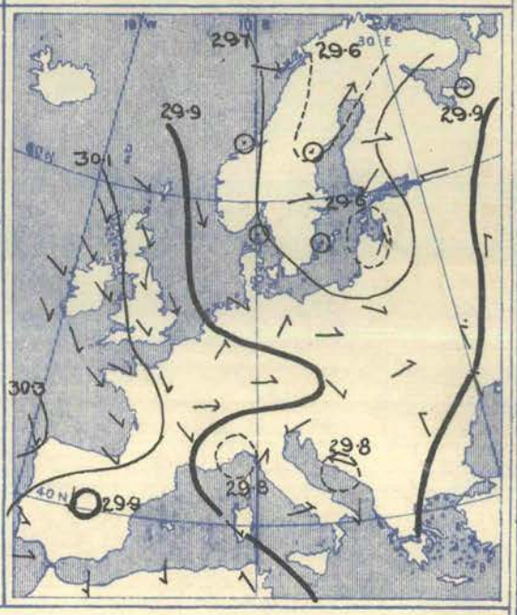
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. varying a good deal; fair or fine in most regions, but overcast at several of our own stations and at many of those in central and northern Europe, with rain in Finland and in some German localities. Rain also falling in the north of Holland and a thunderstorm prevailing at Buda-Pesth. Rain experienced later in many parts of France and central Europe, as well as at some stations in Scandinavia; largest amount, 1·6 in., at Memel.

TEMPERATURE fallen in nearly all places; low over this country and its neighbourhood, as well as over central Europe. Readings in morning ranging from 82° at Palma and 81° at Malta to below 60° over the greater part of our area, to below 55° at most of our own northern stations, and to 48° at Stornoway. Maxima during day very low over the United Kingdom and its immediate vicinity, but above 80° in the southern and central regions, and about 90° at a few stations.

WIND in morning light to fresh from the Northward or North-Westward over the United Kingdom and the adjacent countries. Light or moderate from various directions elsewhere—cyclonic in most regions. No change of a general character during day.

BAROMETER in morning above 30·2 ins. off the west coast of Ireland; decreasing to less than 29·8 ins. in two minima over Italy and its vicinity, and to below 29·7 ins. in a disturbance over Scandinavia. A gradual increase of pressure taking place during day over our Islands and the western countries of the Continent and a decrease over Sweden. Depressions in south maintaining their position with little modification in depth.

IV.—TEMPERATURE on the Grass, and in the Ground.

	STATION.	Grass Min. No. of Obs. of 30° or less.	Grass Min. Lowest reading.	Mean Earth Temp. At 1 foot.	Mean Earth Temp. At 4 feet.
			°	°	°
2.	York	—	—	60·1	57·8
	Hull	0	45	60·4	58·0
3.	Cambridge	0	42	—	—
	Dunmow	0	42	—	—
4.	Harrogate	0	47	57·7	56·3
	Sheffield	0	44	59·1	56·5
	Birmingham	0	42	57·5	55·0
	Nottingham	—	—	61·1	60·8
5.	Kew	0	45	62·8	60·0
	Canterbury	0	47	65·2	62·9
	Portsmouth	0	48	65·9	63·1
6.	Glasgow	0	42	—	—
7.	Newton Rigg	0	40	59·0	56·5
	Bettws-y-Coed	0	50	58·9	56·0
	Manchester (Oldham Road)	0	46	61·9	59·9
8.	Llangammarch Wells			63·7	62·0
	Bath	—	—		
	Plymouth	0	47	63·0	—
9.	Armagh	0	48	61·4	58·0
	Markree	0	41	—	—
10.	Dublin, Trin. Coll.	0	49	60·9	58·6
11.	Guernsey, Brooklyn	0	46	63·8	62·1

V.—OBSERVATIONS IN THE UPPER AIR.—Temperature, Humidity and Wind Velocity.

Date of Observation.	Station and its Height above M.S.L.		Heights in feet above Mean Sea Level. Ground Level.	1,660.	3,320.	5,000.	6,660.	8,320.	10,000.	Remarks.
1906. August 18th, 10.21 a.m. to 10.48 a.m.	Ditcham Park, Petersfield, 400 ft.	Temperature F.	68°	61°						One large kite. Wire 1,920 ft. Max. height 2,050 ft.; temp. 60°. Wind velocity 38 m. per hr. Scud coming from SSW with alto-cumulus above. Kite hauled in owing to thundery weather. Cloud level not reached.
		Humidity	83	100						
		Wind Velocity, m. per hr.	SSE, 25	SSW, 30						
August 14th, 3.38 p.m. to 6.22 p.m.	Glossop Moor, 1,100 ft.	Temperature F.	57°	54°	44°	35°				One 9 ft. kite. Wire 10,000 ft. Cloud level 4,400 ft. Wind at ground level SW at start, S at finish.
		Humidity	80	95	100	90				
		Wind Velocity, m. per hr.	SSW	SW, 19	SW, 28	SW, 40				
August 15th, 10.55 a.m. to 12.20 p.m.	Ditcham Park, Petersfield, 400 ft.	Temperature F.	62°	53°	47°	[41°]				One large kite. Wire 6,300 ft. Max. height 4,800 ft. Detached cumulus; level of scud below clouds about 3,000 ft. Anemometer record failed, but pull on kite remained constant up to greatest height.
		Humidity	78	90	95	[85]				
		Wind Velocity, m. per hr.	SW by S, 20	—	SW	[SW, ¾S]				
August 15th, 4.5 p.m. to 7.7 p.m.	Glossop Moor, 1,100 ft.	Temperature F.	57°	53°	45°	37°				One 9 ft. kite. Wire 10,000 ft.
		Humidity	80	100	95	90				
		Wind Velocity, m. per hr.	SW	SSW, 21	SSW, 28	WSW, 34				
August 16th, 12.58 p.m. to 1.30 p.m.	Glossop Moor, 1,100 ft.	Temperature F.	57°	53°	42°					One 9 ft. kite. Wind velocity increased rapidly to 60 miles per hr. The kite then broke away.
		Humidity	92	100	100					
		Wind Velocity, m. per hr.	WNW	WNW, 30	W, 50					
August 17th, 3.36 p.m. to 5.0 p.m.	Glossop Moor, 1,100 ft.	Temperature F.	50°	47°						One 8 ft. kite. Gusty wind; velocity up to 45 miles per hr. at 2,200 ft.
		Humidity	99	100						
		Wind Velocity, m. per hr.	WNW	NW by W, 30						
August 18th, 10.10 a.m. to 11.30 a.m.	Brighton, 380 ft.	Temperature F.	60°	[45°]						Imperfect record; clock stopped. Clouds, cumulus, not reached.
		Humidity	66	[88]						
		Wind Velocity, m. per hr.	NW by N	N by W						

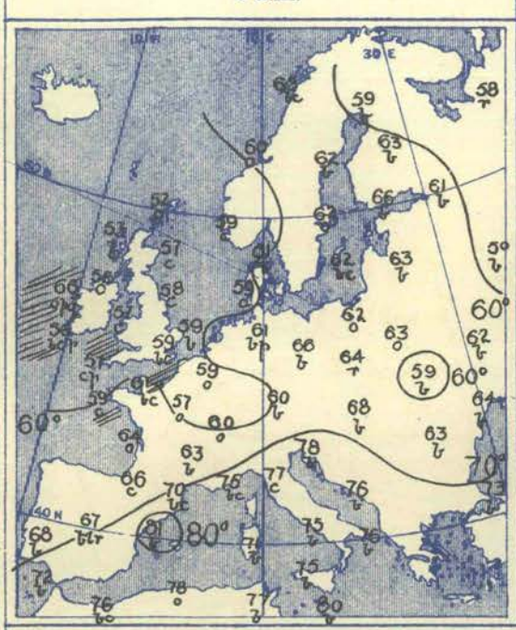
63, Victoria Street, London, S.W.
August 22nd, 1906.

W. N. SHAW,
Director.

Thursday, 16th August, 1906.

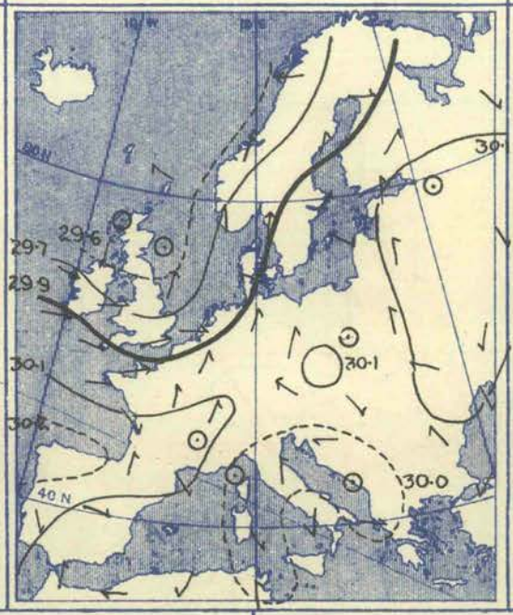
Temperature and Weather.

8 a.m.

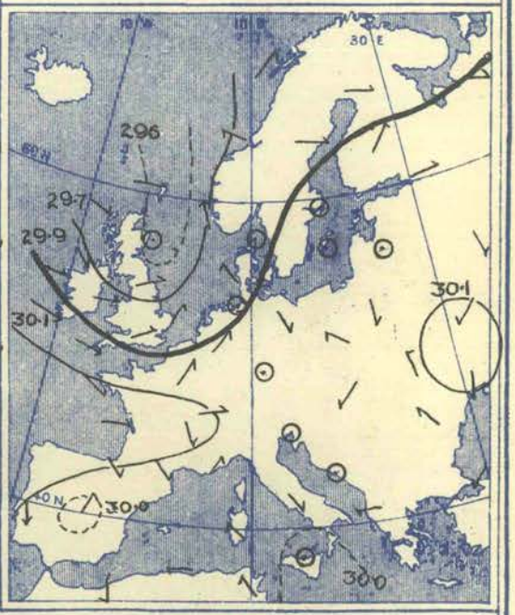


Barometer and Wind.

8 a.m.



6 p.m.



WEATHER at 8 a.m. fair or fine in most regions, but overcast and rainy at some stations in central Europe and very cloudy and showery in the west and south-west of our Islands. A thunderstorm prevailing at Madrid and rain at Archangel. Showers falling later throughout the United Kingdom and in various central and northern countries of the Continent, and thunderstorms occurring in the east of Great Britain, Denmark, and North Germany.

TEMPERATURE fallen in our Islands and in most other western localities, changed little and irregularly elsewhere. Morning readings much above 70° at most stations in the south of our area and as high as 80° at Malta; and 81° at Barcelona. Below 60° in nearly all parts of the British Isles and in different parts of the Continent. Lowest values, 53° at Stornoway and Wick and 54° at Donaghadee. Maxima during day, below 70° at all our own stations except Lowestoft, but as high as 72° at Hernösand, nearly 80° in Germany and Austria, and above 80° in the south. Thermometer touching 90° at Florence and Malta, 99° at Tunis, and 103° at Aumale.

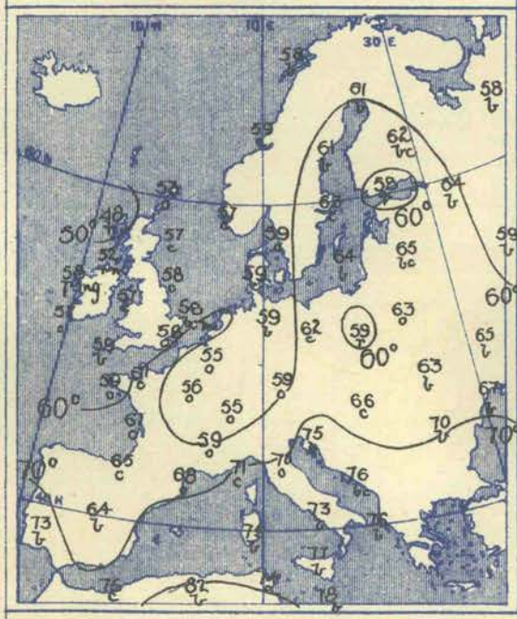
WIND at 8 a.m. light to fresh from the Westward over Ireland and England, as well as the north of France, moderate from the Southward or South-Westward over the Low Countries, Denmark, and Scandinavia, and very light and variable in Scotland. Light variable winds prevailing over the eastern half of our area. No decided change later as a whole; veering slightly in Ireland.

BAROMETER in morning above 30·2 ins. over the north of Spain and the adjacent part of the Bay of Biscay and above 30·1 ins. over eastern Europe and Bohemia. Relatively low over the Mediterranean region and below 29·6 ins. over, and to the northward of Scotland. Scotch depression moving very slowly eastwards during day and pressure recovering somewhat over our western and north-western districts. No great modification taking place in the general distribution.

Friday, 17th August, 1906.

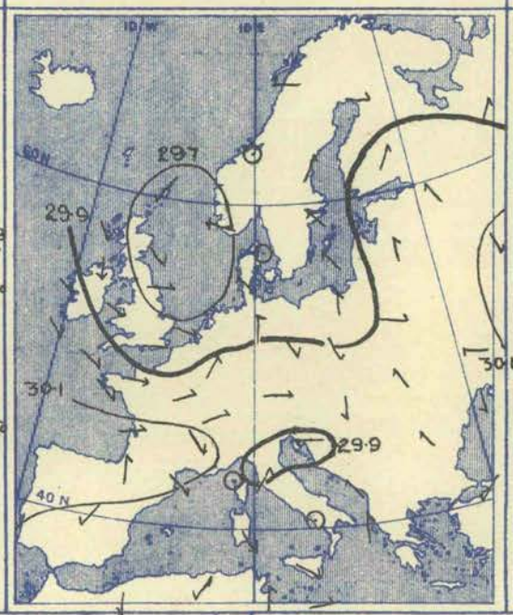
Temperature and Weather.

8 a.m.

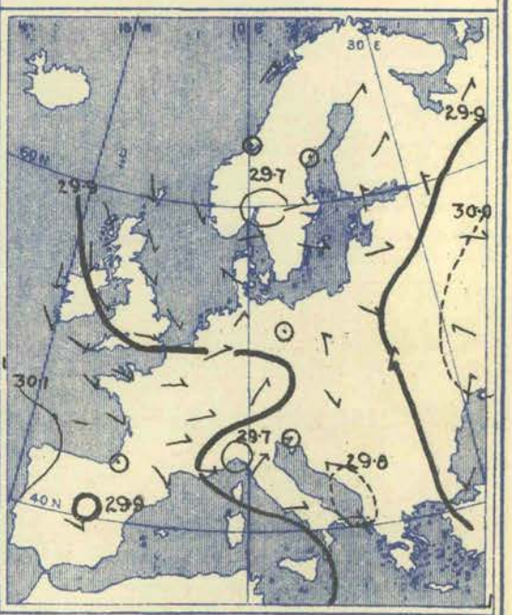


Barometer and Wind.

8 a.m.



6 p.m.



WEATHER at 8 a.m. varying considerably in different localities; very cloudy or overcast over the United Kingdom and its vicinity, with showers in many places; overcast at several stations in Italy and central Europe, and rainy at Karlstad. Fair or fine in most other regions. Thunderstorms later in many parts of central, eastern, and south-eastern England and frequent showers over these Islands generally. Rain falling over the northern half of the Continent, heavily in places.

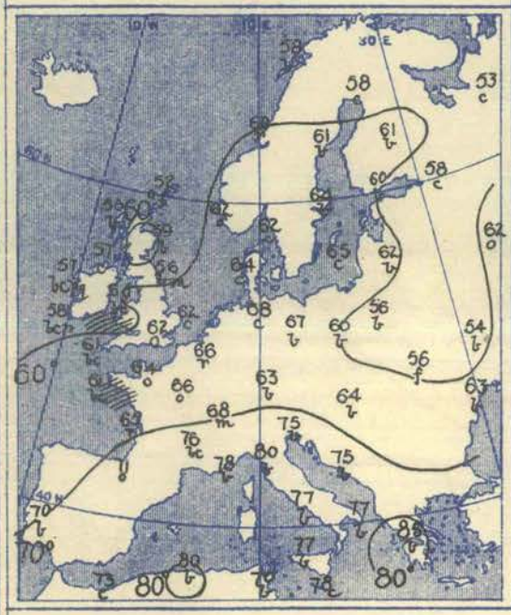
TEMPERATURE changed little and rather irregularly. Readings in morning ranging from 84° at Sfax and nearly 80° at some stations in the south of Europe to less than 60° over the major portion of the Continent, and to 48° at Stornoway. Maxima during day, 99° at Aumale, 97° at Madrid, 91° at Malta, 81° at St. Petersburg, and between 70° and 80° on the Continent generally. Thermometer only rising to 66° in London and not touching 60° at some of our northern and western stations.

WIND in morning showing an extensive cyclonic circulation over the north-western countries and light anticyclonic movements over the south-west and east of our area. Westerly and North-Westerly currents fresh to strong over Ireland and England. Veering further towards North in these Islands later and decreasing somewhat in force. No general change taking place on the Continent.

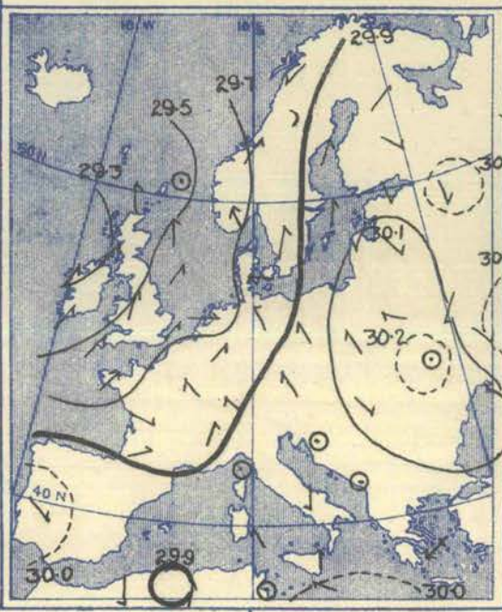
BAROMETER in morning above 30·1 ins. both in the south-west and east of our area; below 29·9 ins. in a depression over the north of Italy, and less than 29·7 ins. in a larger system having its centre over the upper part of the North Sea. Italian depression increasing in depth later and remaining stationary, and the North Sea disturbance travelling eastwards. Pressure increasing rather decidedly over the north and north-west of our Islands.

Tuesday, 14th August, 1906.

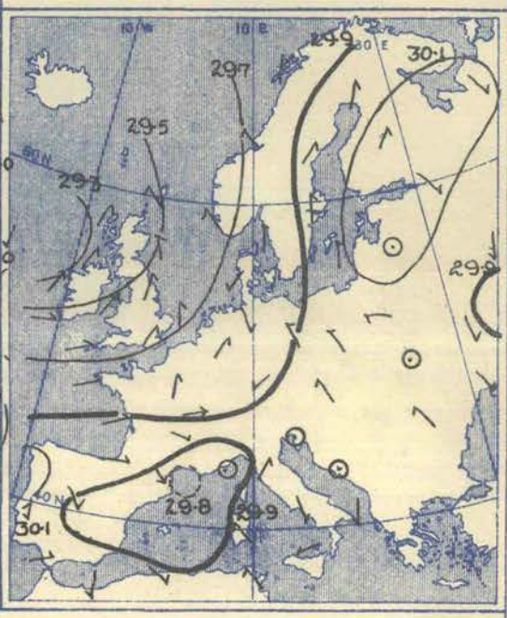
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER in morning fair or fine generally, but showery in Ireland and dull and rainy at Brussels, dull in the north of France, and overcast, with rain in places, in Norway. Fog prevailing at Sumburgh Head, Prague, and Lemberg. Thunderstorms later in many parts of these Islands, France, North Germany, and Denmark; more than an inch of rain at several stations on the Continent, as much as 1·3 in. at Paris, Aix-la-Chapelle, and Marseilles, and 1·9 in. at Oxö.

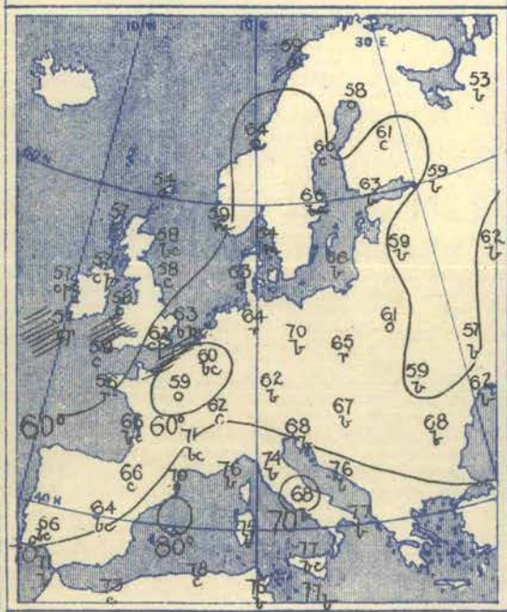
TEMPERATURE fallen over England, risen in most other regions. Readings in morning, 85° at Patras, 80° at Leghorn, and above 70 °in the south generally and also at Aix-la-Chapelle. Below 60° in various parts of our Islands and northern Europe, and as low as 53° and 52° respectively at Archangel and Sumburgh Head. Rising during day to about 90° or slightly higher at some southern stations and to above 80° over central Europe, maxima about 70° in various parts of these Islands and in the south of Norway.

WIND at 8 a.m. moderate or fresh from the South-Westward or Southward over all the north-western countries and light and variable over the Mediterranean region. An anticyclonic circulation prevailing over the major portion of eastern Europe. Scarcely any change during day.

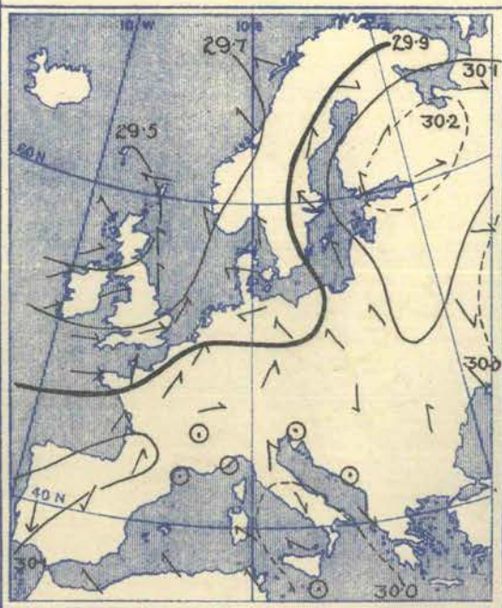
BAROMETER in morning above 30·1 ins. in an area of high pressure extending from the Black Sea to East Prussia and Riga, and above 30·0 ins. over Portugal and the adjacent part of Spain. Below 29·3 ins. in a depression off the north-west of our Islands. Some small and shallow irregularities in pressure shown over this country and its vicinity and also in the neighbourhood of St. Petersburg. Very little modification in the general distribution of pressure later in day.

Wednesday, 15th August, 1906.

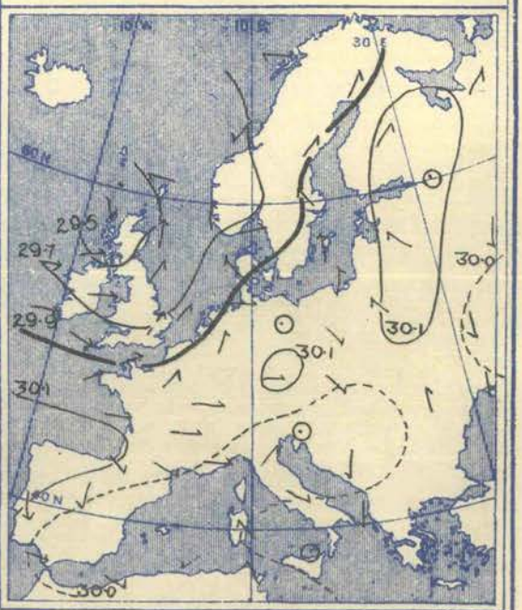
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. changeable and showery over the United Kingdom and the nearer parts of the Continent, with thunder at Nairn. Fair or fine over Europe as a whole, but rainy at Breslau. Continuing rather showery all day in many parts of our Islands, with thunder in places, and heavy rain experienced in the Low Countries, Denmark, and Scandinavia.

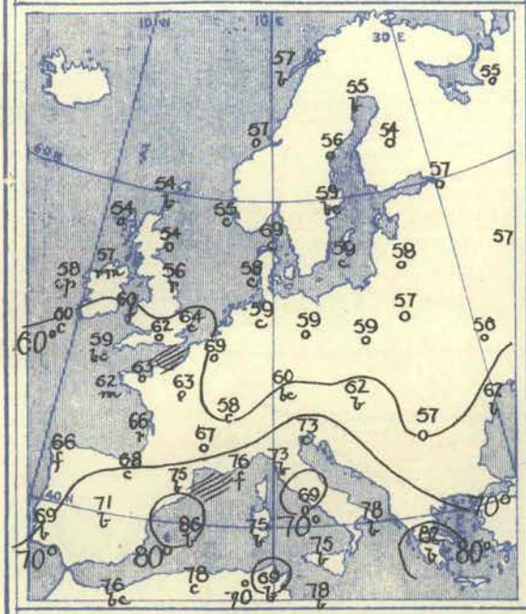
TEMPERATURE fallen in many places, but changed little and irregularly as a whole. Readings in morning ranging from 83° at Barcelona and above 70° in the south generally to below 60° in most parts of our Islands and at various stations on the Continent, and to 54° and 53° respectively at Sumburgh Head and Archangel. Maxima during day below 70° in nearly all parts of these Islands, many degrees above 70° over the central countries, and between 80° and 90° in the south.

WIND in morning moderate to strong from the South-Westward or Westward over Ireland, England, and the north of France, and light from the Southward or South-Eastward over Scotland and Norway. Light anticyclonic airs prevailing both in the south-west and north-east of our area and light variable airs over the Mediterranean. Direction becoming more Westerly in the west and south of England later.

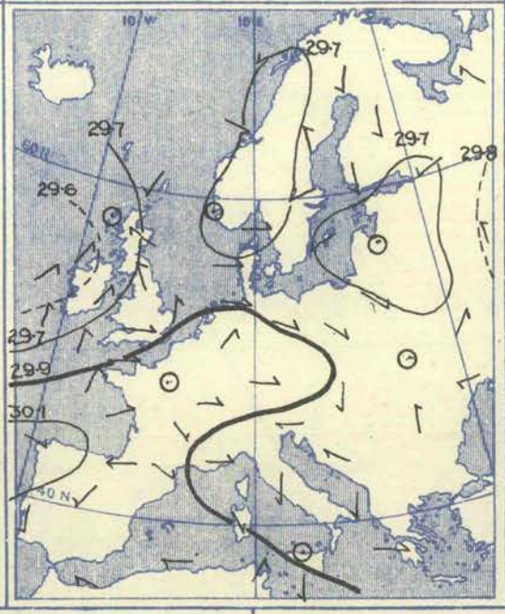
BAROMETER in morning as high as 30·2 ins. over the north of Russia and above 30·1 ins. over Portugal and the north of Spain. Below 29·5 ins. in a depression over Scotland, the north of Ireland and the adjacent part of the ocean. A shallow secondary disturbance shown over Germany and Denmark. No change later in the general distribution; depressions moving slowly eastwards.

Sunday, 12th August, 1906.

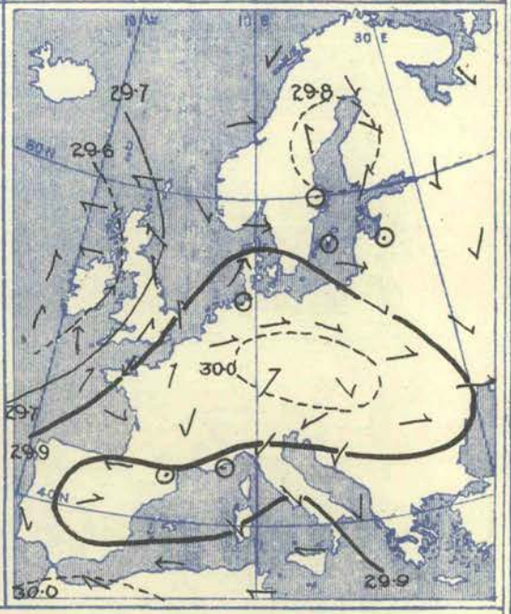
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. dull in almost all parts of these Islands and their immediate vicinity, with rain at Le Mans and in the north of Ireland and showers in the east of England. Fine and bright in the Mediterranean region and southern Europe generally, but rainy at Barcelona and foggy at Corunna. Overcast in Hungary and Poland, with rain in places. Rain in considerable amounts later in the west and north of our Islands; as much as 0·6 in. at Leith, 0·8 ins. at Scilly, and 1·8 in. at Pembroke. Various quantities also falling in Scandinavia and Russia.

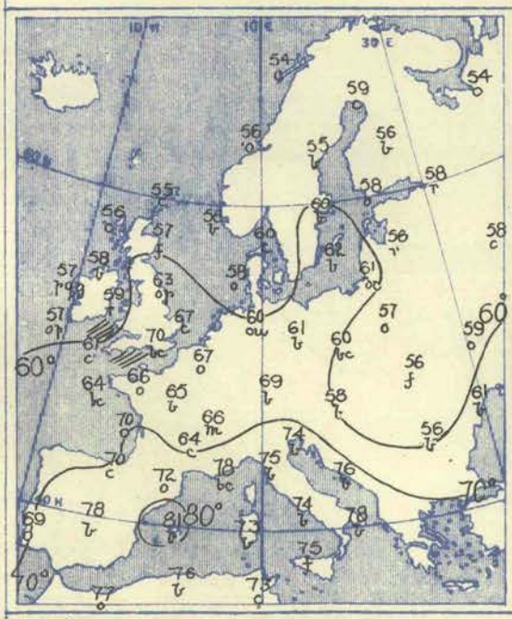
TEMPERATURE in morning, below 55° over the north of Scotland and central Finland, and less than 60° in nearly all parts of northern Europe. As high as 86° at Palma, 82° at Athens, and 80° at Lesina, and much above 70° in the south generally. Maxima during day, about 70° in the south-east of England and 75° at Nottingham; much above 80° in the southern regions of our area, and above 90° in places. 100° at Sfax and Madrid, 95° at Palermo and Marseilles, and 90° at Biarritz.

WIND in morning light from South-West or South over Ireland and England and from the Southward or Eastward in Scotland; feeble cyclonic circulations prevailing over the Continent generally and Northerly breezes in Italy. No great change taking place during day.

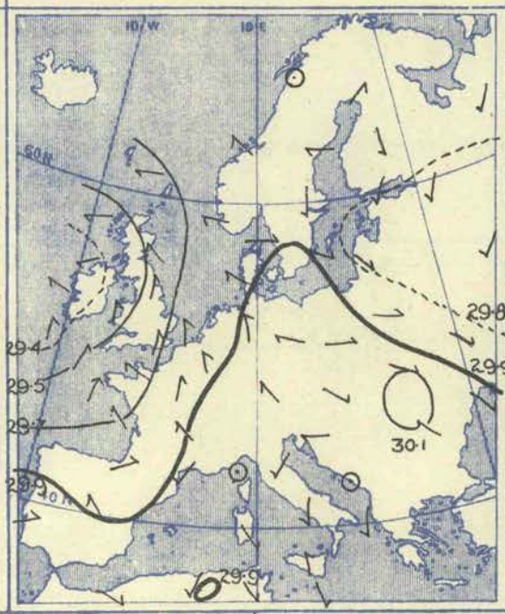
BAROMETER in morning ranging from above 30·0 ins. over the north of Spain and a considerable portion of France to below 29·7 ins. in two large shallow depressions over the northern countries of the Continent, and to below 29·6 ins. in another system off the west of our Islands. Pressure becoming highest over central Europe during day. A decided decrease occurring on the west and south-west coasts of France and the depression on the Atlantic causing a further decrease over this country.

Monday, 13th August, 1906.

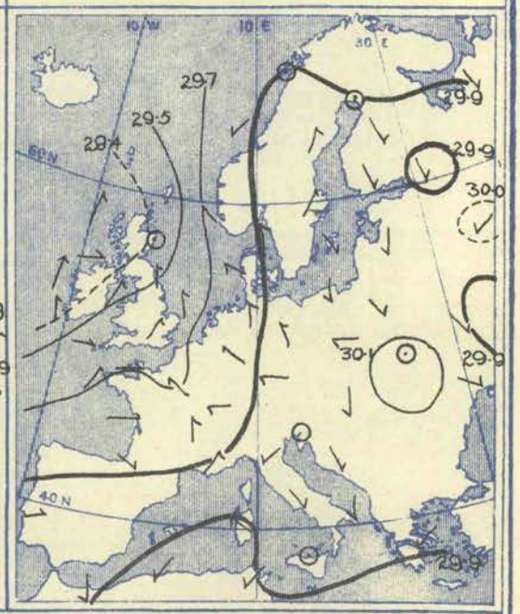
Temperature and Weather 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. rainy or showery in most parts of the United Kingdom, but fine in the south-east. Fine and bright over the greater part of the Continent, but rain falling at Le Mans, Riga, and St. Petersburg, and fog prevailing at some stations in central Europe. Thunderstorms occurring later in several English, Irish, and French localities and rain falling over these Islands generally, as well as in Russia and the south of Norway.

TEMPERATURE risen over Great Britain and the nearer portion of the Continent, fallen or changed little in Ireland. Readings in morning, 70° in London, above 70° in the southern countries, and as high as 78° at Nice, Malta, and Brindisi, 81° at Barcelona and Palma, and 84° at Sfax. Below 60° over Ireland, nearly the whole of Scotland, and over the more northern regions of the Continent. Lowest values, 54° at Wick and 53° at Uleaborg. Rising to nearly 80° in the centre and south-east of England during afternoon and to 70° at Haparanda. Maxima above 90° at some places in the south of France and the north of Italy, and 104° at Aumale.

WIND at 8 a.m. light to fresh from between South to South-East over our Islands, the Low Countries, and France, light and mainly Northerly or North-Westerly over the eastern half of our area, and variable in the south. Veering to the Westward or South-Westward later over France and most of these Islands. No decided change elsewhere.

BAROMETER in morning about 30·0 ins. in a large area covering the greater part of central Europe, and below 29·4 ins. in a large depression outside our western coasts. Relatively low, 29·8 ins. and less, over most of central Russia. Western disturbance moving slightly northwards during day and a secondary appearing over the north-east of France. Continental high pressure system extending northwards to the Baltic. Barometer rising over the greater portion of Russia.

II.—DATA from which the SUMMARY on page 193 has been calculated.

August 12-18, 1906.		Temperature. In Degrees Fahrenheit.							Rainfall.			Bright Sunshine.			
				Averages for the Week.			Difference of Daily Average from Mean for the Week.	Accumulated Heat for the Week (in Day-degrees).							
Districts.	Names of Stations.	Highest observed.	Lowest observed.	Of Highest each day.	Of Lowest each day.	For whole of each day.		Above 42°	Below 42°	Number of Rain-Days.	Rainfall in the Week.	Difference from the Mean for the Week.	Number of Hours recorded.	Difference from the Mean for the Week.	Percentage of possible duration.	Difference from the Mean for the Week.
		°	°	°	°	°	°	Day-deg	Day-deg		Inches.	Inches.	Hrs.	Hrs.	%	%
0. SCOTLAND, N.	†Sumburgh Head (Deerness)	61	45	57·6	49·9	53·5	+ 0·8	81	0	4	0·63	- 0·09	44·2	+ 17·2	41	+ 16
	Wick	64	43	60·1	48·3	53·9	- 0·8	83	0	4	0·19	- 0·43	*	*	*	*
	†Lairg (Strathpeffer) S	68	41	64·9	45·5	54·6	0·0	88	0	6	0·85	+ 0·16	26·2	- 1·3	25	- 1
	Stornoway	68	47	61·1	48·6	54·5	+ 0·2	88	0	7	0·82	- 0·06	29·6	- 0·8	28	- 1
	Glencarron	68	46	63·4	48·8	55·7	+ 1·2	96	0	7	0·77	- 0·88	*	*	*	
	Fort Augustus S	68	48	63·5	49·9	56·3	- 0·1	100	0	5	0·92	+ 0·12	19·1	- 1·4	18	- 1
	Fort William S	68	48	63·0	50·6	56·4	- 0·7	101	0	6	1·07	- 0·29	*	*	*	*
1. SCOTLAND, E.	Nairn	69	42	64·9	46·9	55·4	- 1·0	94	0	5	0·63	+ 0·03	31·1	—	29	—
	Aberdeen	64	46	60·6	50·0	55·0	- 1·2	91	0	4	1·02	+ 0·32	32·5	- 2·1	31	- 2
	†Balmoral (Crathes) S	61	41	58·7	46·2	52·1	- 1·2	71	0	6	0·52	- 0·32	24·0	—	23	—
	†Clathick (Balruddery) S	68	48	63·7	50·4	56·7	- 0·5	103	0	6	1·47	+ 0·57	24·8	—	24	—
	†Leith (Edinburgh)	70	51	64·6	53·3	58·6	+ 0·3	116	0	6	1·05	+ 0·40	22·0	- 11·0	21	- 11
	Marchmont S	69	46	62·0	49·6	55·4	- 0·5	94	0	6	1·78	+ 0·95	23·6	- 10·1	23	- 10
2. ENGLAND, N.E. Northern part.	†Alnwick Castle (Cockle Park)	68	45	64·3	50·7	57·1	+ 0·2	106	0	6	1·84	+ 1·12	30·1	—	29	—
	†Shields (Newcastle)	70	50	64·6	51·6	57·7	+ 0·2	110	0	6	0·72	+ 0·08	23·5	- 6·5	23	- 6
	Durham	69	49	64·6	51·7	57·8	- 0·1	111	0	6	0·63	+ 0·02	26·4	- 7·4	26	- 7
	Scarborough M	71	52	67·6	54·1	60·5	+ 2·0	130	0	4	0·45	- 0·19	30·4	—	30	—
	York	74	50	68·7	53·1	60·4	+ 1·2	129	0	5	0·39	- 0·20	31·1	- 3·1	30	- 3
Southern part.	†Spurn Head (Saltburn)	72	54	67·6	56·4	61·7	+ 2·1	138	0	6	0·78	+ 0·31	26·7	—	26	—
	†Lincoln (Skegness)	78	50	69·7	53·0	60·9	+ 0·8	132	0	5	0·70	+ 0·12	40·9	—	40	—
	†Fulbeck (Rauceby)	77	50	68·9	53·5	60·7	+ 0·7	131	0	6	0·48	- 0·15	41·6	—	41	—
	(Cromer)												43·1	—	42	—
3. ENGLAND, E. Northern part.	Hillington M	78	49	69·5	53·8	61·2	+ 1·2	134	0	4	0·43	- 0·22	37·6	- 3·0	37	- 3
	†Yarmouth (Lowestoft)	71	51	68·0	56·9	62·1	+ 1·3	141	0	4	0·90	+ 0·35	46·2	—	45	—
	Gelderston	79	49	71·5	54·7	62·6	+ 2·4	144	0	3	0·52	+ 0·03	42·5	- 0·8	42	- 1
	(Dunmow)												35·3	—	35	—
Southern part.	Cambridge	78	50	70·6	53·1	61·3	+ 0·3	135	0	3	0·38	- 0·16	37·6	- 5·2	37	- 5
	Felixstowe	70	53	69·3	57·4	63·0	+ 1·5	147	0	3	0·06	—	45·8	—	45	—
	Clacton-on-Sea	71	49	68·3	56·6	62·1	+ 0·2	141	0	2	0·26	—	40·2	—	40	—
	Rothamsted	77	49	68·3	52·5	59·9	+ 0·3	125	0	5	0·66	+ 0·09	37·6	- 5·8	37	- 6
	†Shoeburyness (Southend)	76	50	69·9	55·7	62·4	- 0·3	143	0	2	0·23	- 0·17		—		—
	London, Westminster	78	51	69·1	55·9	62·1	+ 0·4	141	0	4	0·26	- 0·28	31·4	- 6·6	31	- 7
4. MIDLAND COUNTIES. Eastern part.	Harrogate	69	49	65·1	52·0	58·2	+ 0·8	113	0	6	1·61	+ 0·96	22·3	—	22	—
	†Bawtry (Worksop)	76	50	69·7	53·0	60·9	+ 1·7	132	0	5	0·32	- 0·24	23·2	- 10·3	23	- 10
	Nottingham	75	49	69·1	52·1	60·1	+ 0·4	127	0	6	0·32	- 0·26	29·5	—	29	—
	†Colly Weston (Oundle)	80	49	70·0	52·0	60·5	- 0·1	130	0	5	0·44	- 0·11		—		—
	Birmingham, Edgbaston	72	49	66·1	52·4	58·8	- 0·2	118	0	6	0·42	- 0·24	31·7	—	31	—
	Oxford	76	50	69·0	54·0	61·1	+ 0·5	134	0	3	0·24	- 0·30	38·6	- 3·4	38	- 3
Western part.	†Cheadle (Sheffield) M	69	48	64·5	51·1	57·4	0·0	108	0	6	0·61	- 0·19	31·5	—	31	—
	Shrewsbury	74	50	67·7	52·2	59·5	+ 0·1	123	0	6	0·62	—	*	*	*	*
	Hereford M	72	47	67·4	51·9	59·2	- 0·6	120	0	6	0·70	+ 0·12	*	*	*	*
	Circencester	72	47	67·1	50·1	58·1	- 0·3	113	0	5	0·46	- 0·25	42·3	+ 0·9	42	+ 1
	Bath	71	49	68·0	53·0	60·1	- 0·2	127	0	4	1·10	+ 0·44	41·6	—	41	—
	(Margate)												35·2	- 7·9	35	- 8
5. ENGLAND, S.	Kew	78	50	69·5	54·9	61·8	+ 0·7	139	0	4	0·22	- 0·31	33·7	- 8·6	33	- 9
	Wisley, Surrey	77	48	69·0	54·1	61·1	- 0·8	134	0	5	0·39	—	35·2	—	35	—
	†Swarraton (Ventnor) M	73	48	66·4	52·8	59·2	+ 0·2	120	0	6	0·95	+ 0·28	39·9	- 6·9	40	- 7
	Tunbridge Wells M	78	48	68·1	52·3	59·7	- 0·5	124	0	4	0·55	+ 0·02	37·0	- 7·4	37	- 7
	†Dungeness (Littlestone)	71	50	67·3	56·7	61·7	0·0	138	0	3	0·25	- 0·20	40·1	—	40	—
	Hastings	71	49	66·0	53·8	59·5	- 1·8	123	0	3	0·75	+ 0·19	40·3	- 8·0	40	- 8
	Southampton	74	50	68·9	55·5	61·8	- 0·2	139	0	4	1·04	+ 0·42	45·1	- 1·9	45	- 2
	†Portland Bill (Worthing)	66	55	64·0	57·7	60·7	- 0·6	131	0	2	0·10	—	43·7	—	43	—
	(Eastbourne)												47·2	+ 0·2	47	0
6. SCOTLAND, W.	†Laudale, (Oban)	70	48	63·8	52·0	57·6	+ 0·4	109	0	5	1·38	+ 0·02	35·6	—	33·9	—
	Glasgow S	66	49	62·1	53·0	57·3	+ 0·6	107	0	6	1·13	+ 0·20	23·1	- 6·9	22	- 7
	Dumfries S	68	49	64·6	52·5	58·2	+ 0·3	113	0	6	2·27	+ 1·39	*	*	*	*
	Cally S	70	43	65·7	47·4	56·0	- 0·4	98	0	6	0·99	- 0·07	*	*	*	*
	Douglas, Isle of Man	65	49	61·5	53·4	57·2	+ 0·2	106	0	6	1·03	+ 0·10	29·5	- 10·0	29	- 10
7. ENGLAND, N.W.	Aspatria	69	51	63·7	53·5	58·3	+ 1·0	114	0	6	1·70	+ 0·70	26·3	—	26	—
	Newton Rigg	67	48	63·3	50·3	56·4	+ 0·2	101	0	5	1·08	+ 0·28	24·7	- 9·9	24	- 10
	Stonyhurst	67	51	62·8	53·2	57·7	- 0·1	110	0	6	2·04	+ 0·86	25·0	- 9·4	24	- 9
	Blackpool M	69	51	64·4	53·9	58·8	- 0·3	118	0	5	0·88	+ 0·08	34·8	- 2·3	34	- 2
	Manchester, Prestwich	70	50	64·7	53·0	58·5	+ 0·2	116	0	6	2·04	+ 1·17	20·9	- 10·1	20	- 10
	†Liverpool Obs. (Hoylake)	70	52	64·6	54·3	59·1	- 0·4	120	0	6	1·41	+ 0·72	28·3	—	28	—
	†Hawarden Bridge (Southport)	73	52	66·0	54·6	60·0	+ 0·2	126	0	6	1·39	+ 0·71	36·5	—	35	—
NORTH WALES	Llandudno M	70	53	64·0	55·3	59·4	- 0·6	122	0	5	1·18	+ 0·51	25·2	- 12·7	25	- 13
	†Holyhead (Aberdovey)	65	52	61·1	54·6	57·7	- 1·2	110	0	6	1·59	+ 0·86	20·2	—	20	—
	Bettws-y-Coed	67	50	62·9	53·9	58·1	- 1·1	113	0	6	1·76	—	17·0	—	17	—
SOUTH WALES	Llangammarch Wells											—	—	—	—	—
	Pembroke	63	52	61·7	55·1	58·2	- 1·0	113	0	5	2·02	+ 1·33	46·3	+ 2·5	46	+ 2
	†Cardiff (Aberystwyth)	69	48	66·4	53·0	59·3	- 1·1	121	0	5	1·02	- 0·01	24·5	—	24	—
8. ENGLAND, S.W	†Clifton (Torquay)	71	51	67·1	55·6	61·0	- 0·2	133	0	5	0·88	+ 0·07	53·3	+ 5·8	53	+ 6
	†Shaftesbury (Marlborough) M	67	46	64·7	52·5	58·2	- 0·7	113	0	4	0·41	- 0·25	24·6	- 15·7	24	- 16
	†Arlington (Newquay)	68	46	64·0	52·6	58·0	- 0·3	112	0	7	1·84	+ 0·72				
	Cullompton M	71	45	68·0	52·6	59·8	- 0·2	125	0	6	0·94	+ 0·27	41·4	+ 0·2	41	0
	Plymouth	68	52	65·1	56·4	60·5	- 0·4	130	0	5	0·72	+ 0·04	52·2	+ 7·4	52	+ 7
	Falmouth	70	53	65·3	55·5	60·1	- 0·1	127	0	5	0·52	- 0·26	56·7	+ 8·2	57	+ 8
9 IRELAND, N. Western part.	Malin Head	64	50	59·6	52·0	55·6	- 1·8	95	0	6	1·10	+ 0·32	*	*	*	*
	Edenfel	67	49	61·6	51·0	56·0	- 0·4	98	0	6	0·99	+ 0·05	*	*	*	*
	Blacksod Point	63	51	60·0	53·1	56·3	- 1·6	100	0	6	0·61	- 0·48	*	*	*	*
	Markree Castle	70	45	62·0	51·5	56·4	- 0·3	101	0	6	1·23	+ 0·26	34·3	+ 5·2	33	+ 5
Eastern part.	Armagh	70	50	64·5	51·7	57·7	+ 0·4	110	0	6	0·74	- 0·06	39·8	+ 10·5	39	+ 10
	Donaghadee	67	51	62·1	53·3	57·4	+ 0·2	108	0	6	1·10	+ 0·32	*	*	*	*
10. IRELAND, S. Eastern part.	†Dublin, City (Phœnix Park)	73	53	66·8	55·0	60·6	+ 1·1	130	0	5	0·32	- 0·42	34·5	- 2·5	34	- 3
	Kilkenny	68	48	62·7	52·0	57·0	- 1·8	105	0	6	0·52	- 0·32	*	*	*	*
	Waterford	69	47	66·4	52·1	58·8	0·0	118	0	3	0·53	- 0·36	*	*	*	*
Western part.	Birr Castle	69	49	64·9	52·3	57·8	- 0·3	111	0	6	1·10	+ 0·20	36·5	+ 4·2	36	+ 4
	Foynes	66	50	62·1	52·8	57·2	- 1·1	106	0	5	1·47	+ 0·55	*	*	*	*
	Killarney	67	51	63·8	53·6	58·4	- 0·6	115	0	6	1·30	+ 0·24	*	*	*	*
	Valencia	65	52	62·0	54·4	58·0	- 1·2	112	0	6	0·92	- 0·25	41·4	+ 6·8	41	+ 7
	†Roches Point (Ballinacurra)	64	50	62·4	53·3	57·6	- 1·9	109	0	5	0·49	- 0·47	50·4	—	50	—
11. ENGLISH CHANNEL	Scilly, St. Mary's	68	56	64·4	57·0	60·5	- 0·4	130	0	5	1·20	+ 0·62	53·8	+ 2·2	54	+ 2
	†Jersey, St. Aubins (St. Heliers)	77	55	68·3	58·6	63·2	+ 0·3	148	0	3	0·33	- 0·24	52·4	- 2·5	52	- 3
	Guernsey	71	54	65·6	57·2	61·2	- 0·4	134	0	2	0·43	- 0·18	56·2	+ 1·2	56	+ 1

Information for Stations marked M is supplied by the Royal Meteorological Society, and that for Stations marked S is supplied by the Scottish Meteorological Society.
* An Asterisk is inserted in all places for which the information is not usually given.
† There is no Sunshine Recorder in use at this Station. The figures entered for Sunshine are those recorded at a Station in the same district of which the name is given in brackets.

Additional Sunshine Totals for the week: Ramsgate, 35·6 hrs., 35 %; Brighton, 40·7 hrs. (- 8·5), 40 % (- 8 %); Bournemouth, 48·5 hrs., 48 %; Bognor, 48·5 hrs., 48 %; Rhyl, 28·5 hrs., 28 %; Tenby, 51·5 hrs. (+ 7·1) 51 % (+ 7 %).

WEEKLY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE,

AND PUBLISHED FOR H.M. STATIONERY OFFICE BY WYMAN AND SONS, LTD., FETTER LANE, E.C., AND 32, ABINGDON STREET, WESTMINSTER, S.W.; OR OLIVER AND BOYD, EDINBURGH; OR E. PONSONBY, 116, GRAFTON STREET, DUBLIN.

SUPPLIED FOR THE PUBLIC SERVICE

TWENTY-NINTH YEAR. Vol. XXIII. (New Series.) } No. 33. THIRTY-THIRD WEEK, ENDING SATURDAY, AUGUST 18TH, 1906.

[Price 6d. Annual Subscription post paid £1 10s. 0d.

I.—GENERAL REMARKS.

Weather was rather unsettled over the Kingdom generally. Showers were frequent in all districts, but many of those in the south and south-east were too slight for measurement. Thunderstorms occurred on several occasions over Great Britain, but were more common in the east and south-east than elsewhere. In Ireland the electrical disturbances were few.

Temperature considered as a whole did not differ materially from the normal, but it was high during the early days of the period and low at its close. The highest of the maxima were recorded early in the week, and ranged from 80° in the Midland Counties to 70° in Ireland N. and Scotland E. and W. to 68° in Scotland N. The lowest of the minima, which occurred on Saturday, were less than 46° in many districts, and as low as 41° in Scotland N. and E. In England E. the lowest reading was 49°, and in the Channel Islands 54°.

Rainfall exceeded the normal, in most western and northern districts, but was in defect in the north of Scotland, the south of Ireland and the central, eastern, and southern counties of England.

Bright Sunshine was somewhat deficient except in Ireland, the south-west of England, and the north of Scotland. The percentage of the possible duration ranged from 54 in the Channel Islands and 44 in England S.W. to between 28 and 25 in Scotland and to 24 in England N.W.

Barometer and Wind.—During the whole of this period these Islands were under the influence of a single depression and the shallow secondaries associated with it. The system first appeared off Ireland, subsequently moved to a position off the west of Scotland, and finally travelled eastwards across Scotland and the North Sea to Scandinavia. Under these conditions the wind was at first Southerly to South-Easterly, becoming Westerly by Thursday, and North-Westerly and Northerly by Saturday. At no time was the force of the wind very strong, but a fresh or strong breeze was experienced on various parts of the coasts late in the week.

SUMMARY OF TEMPERATURE, RAINFALL, AND DURATION OF BRIGHT SUNSHINE IN THE UNITED KINGDOM, FOR AGRICULTURAL AND SANITARY PURPOSES.

THE WEEK (33rd)—August 12th to August 18th, 1906.

DISTRICTS. (See p. 194.)	Temperature. Highest.	Lowest.	Means of: Daily Max.	Daily Min.	Daily Mean.	Difference from Av. (35 Yrs.)	Accumulated. Number of Day-Degrees. Above 42°	Difference from Av. (25 Yrs.)	Below 42°	Difference from Av. (25 Yrs.)	Rainfall. Number of Rain-Days.	Diff. from Av. (35 Yrs.)	Total Fall.	Difference from Average (35 Yrs.)	Sunshine. Hours recorded.	Diff. from Av. (25 Yrs.)	Percentage of Possible Duration	Diff. from Av. (25 Yrs.)
	°	°	°	°	°	°	Day-deg.	Day-deg.	Day-deg	Day-deg.			Inches.	Inches.			%	%
0. SCOTLAND, NORTH ..	68	41	61·9	48·8	55·0	+ 0·1	91	+ 4	0	0	6	+ 1	0·75	− 0·21	30	+ 3	28	+ 3
Eastern 1. SCOTLAND, EAST ..	70	41	62·4	49·4	55·5	− 0·7	95	− 4	0	0	6	+ 2	1·08	+0·33	26	− 8	25	− 8
Eastern 2. ENGLAND, N.E. ..	78	45	67·0	53·0	59·6	+ 0·9	123	+ 11	0	0	6	+ 3	0·74	+0·14	33	− 5	32	− 5
Eastern 3. ENGLAND, EAST ..	79	49	69·4	55·2	61·9	+ 0·9	139	+ 15	0	0	3	0	0·41	−0·12	39	− 4	39	− 4
Eastern 4. MIDLAND COUNTIES	80	47	67·6	52·2	59·4	+ 0·2	122	+ 3	0	0	5	+ 1	0·62	−0·01	33	− 4	32	− 4
Eastern 5. ENGLAND, SOUTH ..	73	48	67·4	54·7	60·7	− 0·4	131	− 2	0	0	4	+ 1	0·53	−0·03	38	− 7	38	− 7
Western 6. SCOTLAND, WEST ..	70	43	63·5	51·7	57·2	+ 0·2	106	+ 3	0	0	6	+ 2	1·36	+0·33	26	− 9	25	− 8
Western 7. ENGLAND, N.W. ..	73	48	63·8	53·7	58·4	− 0·2	115	0	0	0	6	+ 2	1·51	+0·69	25	− 9	24	− 9
Western 8. ENGLAND, S.W. ..	71	45	65·3	54·2	59·4	− 0·5	122	− 1	0	0	5	+ 1	1·04	+0·23	44	+ 4	44	+ 4
Western 9. IRELAND, NORTH ..	70	45	61·6	52·1	56·6	− 0·6	102	− 4	0	0	6	+ 1	0·96	+0·07	37	+ 8	36	+ 8
Western 10. IRELAND, SOUTH ..	73	47	63·8	53·2	58·2	− 0·7	113	− 3	0	0	5	+ 1	0·83	−0·10	41	+ 3	40	+ 3
11. CHANNEL ISLANDS..	77	54	66·1	57·6	61·6	− 0·2	137	0	0	0	3	− 1	0·65	+0·07	54	0	54	0

THE SEASON (**Summer**).—Aggregates, &c., for the Period of 11 Weeks, June 3rd to August 18th, 1906.

0. SCOTLAND NORTH ..	78	33	*	*	*	*	127	+ 33	0	− 4	46	+ 1	8·60	+0·16	375	+ 28	29	+ 2
Eastern 1. SCOTLAND, EAST ..	82	33	*	*	*	*	1077	+ 31	0	− 2	41	+ 1	5·74	−1·21	431	+ 19	34	+ 1
Eastern 2. ENGLAND, N.E. ..	82	34	*	*	*	*	1296	+126	0	− 1	31	− 4	4·33	−1·59	510	+ 53	41	+ 4
Eastern 3. ENGLAND, EAST ..	85	33	*	*	*	*	1406	+ 89	0	− 1	22	−11	3·95	−1·79	619	+113	51	+ 9
Eastern 4. MIDLAND COUNTIES	84	33	*	*	*	*	1344	+ 62	0	− 1	23	− 7	4·14	−2·25	523	+ 90	43	+ 7
Eastern 5. ENGLAND, SOUTH ..	84	34	*	*	*	*	1377	− 18	0	0	23	−10	3·23	−2·42	637	+117	53	+10
Western 6. SCOTLAND, WEST ..	83	40	*	*	*	*	1136	+ 46	0	− 1	43	+ 2	7·92	−1·30	471	+ 29	37	+ 2
Western 7. ENGLAND, N.W. ..	80	38	*	*	*	*	1257	+ 49	0	0	38	0	6·08	−1·42	503	+ 54	41	+ 4
Western 8. ENGLAND, S.W. ..	80	34	*	*	*	*	1292	+ 11	0	0	36	0	5·90	−1·57	519	+ 29	43	+ 2
Western 9. IRELAND, NORTH ..	78	36	*	*	*	*	1105	− 16	0	0	47	0	6·37	−1·47	410	+ 36	33	+ 3
Western 10. IRELAND, SOUTH ..	79	36	*	*	*	*	1293	+ 58	0	0	48	+ 7	6·96	−1·06	437	+ 10	36	+ 1
11. CHANNEL ISLANDS..	83	44	*	*	*	*	1414	+ 21	0	0	25	−10	2·85	−2·86	621	+ 12	52	+ 1

THE YEAR.—Aggregates, &c., for the period of 33 Weeks, December 31st, 1905, to August 18th, 1906.

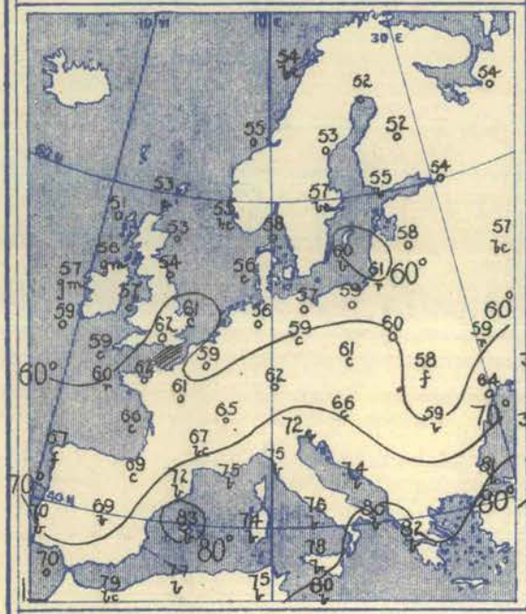
0. SCOTLAND, NORTH ..	78	8	*	*	*	*	1229	− 99	646	+ 87	164	+24	33·50	+5·69	848	+ 3	27	0
Eastern 1. SCOTLAND, EAST ..	82	11	*	*	*	*	1508	− 59	624	+ 20	134	+15	19·78	+1·45	1037	+ 66	34	+ 2
Eastern 2. ENGLAND, N.E. ..	82	18	*	*	*	*	1863	+156	464	− 22	118	+10	13·60	−1·15	1153	+ 77	38	+ 3
Eastern 3. ENGLAND, EAST ..	85	23	*	*	*	*	2061	+ 67	413	−119	104	− 2	13·47	−0·66	1294	+172	43	+ 6
Eastern 4. MIDLAND COUNTIES	84	18	*	*	*	*	2017	+ 37	486	− 56	113	+ 5	14·35	−1·98	1112	+120	37	+ 4
Eastern 5. ENGLAND, SOUTH ..	84	20	*	*	*	*	2091	− 52	351	− 39	110	+ 5	15·36	−0·26	1344	+188	44	+ 6
Western 6. SCOTLAND, WEST ..	83	14	*	*	*	*	1654	− 1	419	− 2	139	+12	29·45	+1·93	1046	+ 42	34	+ 1
Western 7. ENGLAND, N.W. ..	80	16	*	*	*	*	1813	− 23	379	− 13	130	+14	22·39	+3·15	1068	+ 66	35	+ 2
Western 8. ENGLAND, S.W. ..	80	19	*	*	*	*	1988	− 40	327	+ 31	130	+16	25·18	+3·38	1196	+ 90	39	+ 3
Western 9. IRELAND, NORTH ..	78	20	*	*	*	*	1632	−145	355	+ 1	166	+25	23·86	+2·41	951	+ 24	31	+ 1
Western 10. IRELAND, SOUTH ..	79	24	*	*	*	*	2045	− 3	264	0	152	+25	22·96	−1·10	1052	− 14	35	0
11. CHANNEL ISLANDS..	83	27	*	*	*	*	2256	− 56	79	− 35	125	+ 6	16·50	−1·81	1380	+ 26	46	+ 1

Bright Sunshine.—For certain of the Districts the values of Bright Sunshine in this Table are based on the records from a part only of the Stations included in the Tables under II. and IV. For certain of the Stations Mean Values are not available, and for the Districts containing these Stations the "Difference from Average" is based on the records from a smaller number of Stations than those supplying the values for "Hours Recorded."

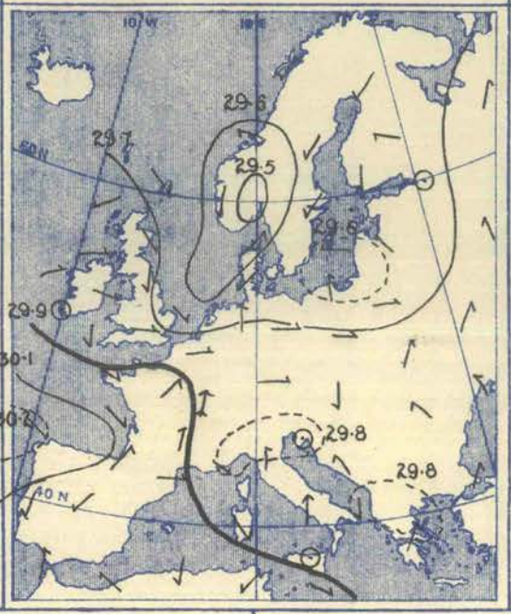
5146 370 Wy. & S. Ltd. 8 | 06

Saturday, 11th August, 1906.

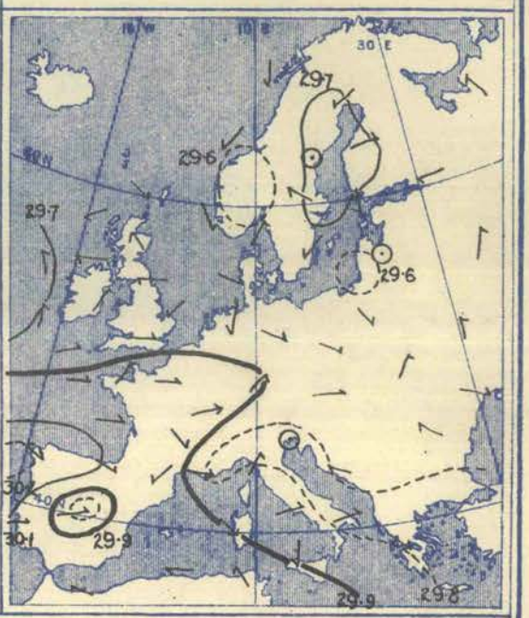
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine and bright in most parts of southern Europe and in a few regions further north; cloudy or overcast as a whole, with rain at Flushing, Memel, and in the south of Russia, and also at Karlstad, and fog at Corunna. Rain, generally slight, experienced later over the greater portion of the United Kingdom, central Europe, and Russia; largest amount, 0·43 in., at Donaghadee.

TEMPERATURE changed little and irregularly. Readings in morning ranging from 83° at Palma and 82° at Patras to less than 70° over Europe generally, and to below 60° in the northern countries. Lowest values, 51° at Stornoway and 50° at Ulleaborg. Rising to about 70° at some of our own south-eastern stations during afternoon, to a few degrees higher over central Europe, and to above 80° in the south; highest readings, 91° at Cagliari and 99° at Madrid.

WIND in morning showing several cyclonic circulations over the Continent and an anticyclonic movement in the south-west of our area. A very strong breeze blowing at the Helder, but little force prevailing generally. Wind backing to the Southward in Ireland during day and to South-West in the west of Great Britain.

BAROMETER in morning above 30·1 ins. over the north of Spain and the adjacent portion of the Bay of Biscay. Below 29·8 ins. in two minima over northern Italy and the Balkan Peninsula, and below 29·6 ins. in two other depressions over the Baltic and Scandinavia and the North Sea. Some modification taking place within the area of the low pressure systems later and a fresh fall of the barometer setting in over Ireland.

IV.—TEMPERATURE on the Grass, and in the Ground.

	STATION.	Grass Min.		Mean Earth Temp.	
		No. of Obs. of 30° or less.	Lowest reading.	At 1 foot.	At 4 feet.
			°	°	°
2.	York	—	—	61·5	57·6
	Hull	0	42	62·1	58·0
3.	Cambridge	0	43	—	—
	Dunmow	0	42	—	—
4.	Harrogate	0	45	58·5	56·5
	Sheffield	0	46	61·0	56·3
	Birmingham	0	44	59·9	54·3
	Nottingham	0	45	65·4	60·6
5.	Kew	0	43	65·6	60·0
	Canterbury	0	49	67·4	61·8
	Portsmouth	0	57	68·5	63·0
6.	Glasgow	0	38	—	—
7.	Newton Rigg	0	40	60·8	56·4
	Bettws-y-Coed	0	52	60·9	55·6
	Manchester (Oldham Road)	0	47	63·6	59·7
8.	Llangammarch Wells	—	—	61·9	55·5
	Bath				
	Plymouth	0	54	65·9	—
9.	Armagh	0	45	61·8	57·7
	Markree	0	43	63·1	—
10.	Dublin, Trin. Coll.	0	46	62·1	58·1
11.	Guernsey, Brooklyn	0	50	65·8	62·1

V.—OBSERVATIONS IN THE UPPER AIR.—Temperature, Humidity and Wind Velocity.

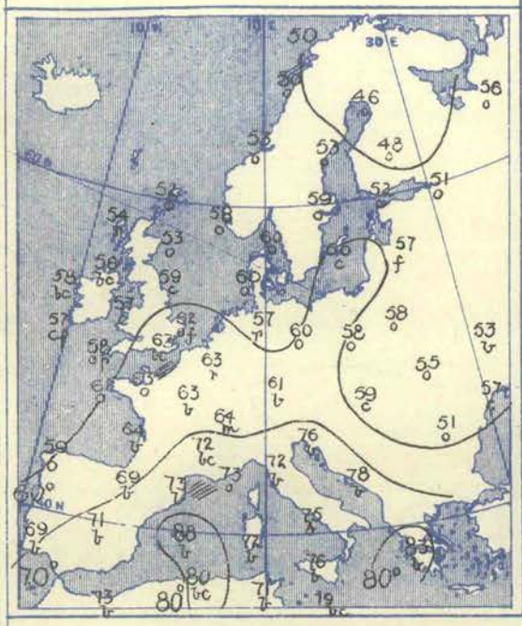
Date of Observation.	Station and its Height above M.S.L.		Heights in feet above Mean Sea Level.						Remarks.
			Ground Level.	1,660.	3,320.	5,000.	6,660.	8,320.	10,000.	
1906.										
August 5th, 9.55 a.m. to 11.50 a.m.	Brighton, 380 ft.	Temperature F.	64°	62°						One kite. Wire 5,500 ft. Max. height 2,670 ft. Sea fog. Kite out of sight as soon as started.
		Humidity	86	70						
		Wind Velocity, m. per hr.	W, 12	WNW, 20						
August 9th, 12.40 p.m. to 5.30 p.m.	Glossop Moor, 1,100 ft.	Temperature F.	58°	53°	43°	33°	25°			Two 10 ft. kites. Wire 14,750 ft. In clouds at 2,650 ft.
		Humidity	78	95	100	80	60			
		Wind Velocity, m. per hr.	W by N	W by N, 17	WNW, 20	WNW, 27	WNW, 29			
August 10th, 1.17 p.m. to 6.30 p.m.	Glossop Moor, 1,100 ft.	Temperature F.	58°	56°	49°	42°				Two kites. Wire 12,400 ft. In clouds at 2,000 ft. Max. height 5,900 ft. Rain at 3 p.m. followed by sharp change in wind from S by W to N W.
		Humidity	90	100	90	90				
		Wind Velocity, m. per hr.	S by W	WSW, 16	WSW 27	W by N, 30				
August 11th, 11.18 a.m. to 12.13 p.m.	Ditcham Park, Petersfield, 400 ft.	Temperature F.	66°	58°	52°					One large kite. Wire 5,090 ft. Max. height 3,600 ft. Cumulus clouds growing in extent during flight; cloud level about 2,000 ft.
		Humidity	80	100	100					
		Wind Velocity, m. per hr.	20	SW by S 20	20					
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								

63, Victoria Street, London, S.W.
August 15th, 1906.

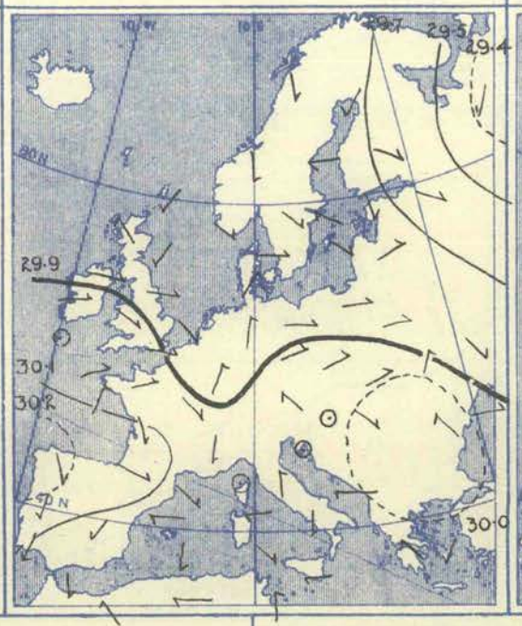
W. N. SHAW,
Director.

Thursday, 9th August, 1906.

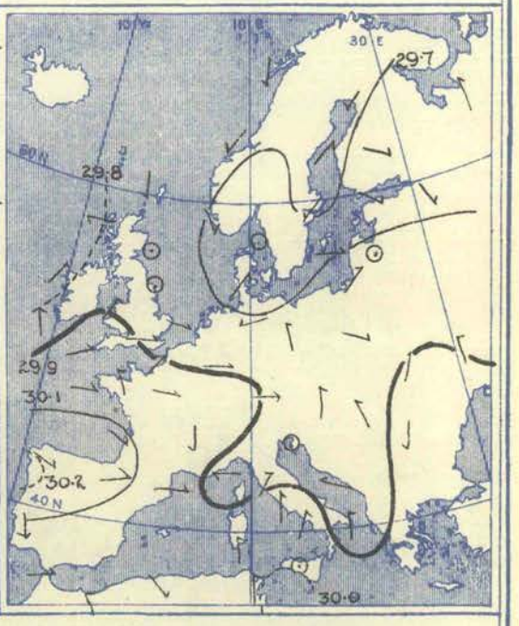
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine and bright over the south of our area and in a few localities elsewhere. Dull in most parts of our Islands and the nearer regions of the Continent, with rain at Stornoway, Nottingham, Brussels, and Cuxhaven, and fog at Yarmouth and in the south-west of Ireland. Rain falling later at several places in the central and northern countries of the Continent and in most parts of the United Kingdom. A thunderstorm with nearly an inch of rain occurring at Cuxhaven.

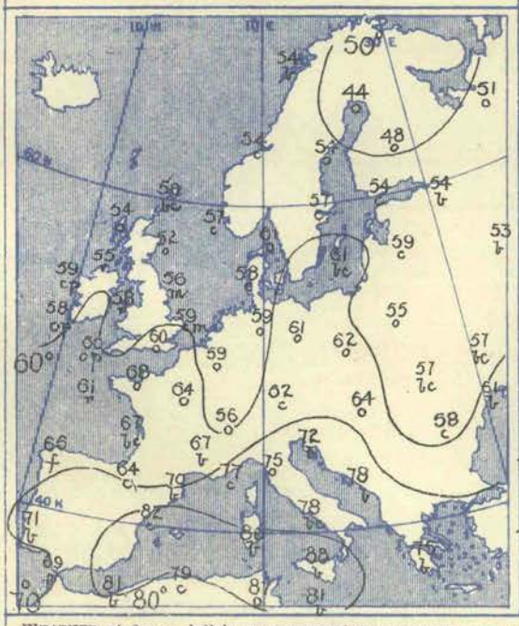
TEMPERATURE risen at some German and Polish stations, fallen as a whole. Readings in morning as high as 88° at Palma, 83° at Patras, and nearly 80° at many other southern stations. As low as 46° at Bodö and below 50° at some other extreme northern stations. Rising during day to 102° at Tunis and Aumale, 93° at Brindisi and to nearly 90° in various localities on the shores of the Mediterranean. Highest readings in our Islands, 74° at Clacton-on-Sea.

WIND in morning varying a good deal in direction, but mainly cyclonic over our Islands and Northern Europe and anticyclonic both in the south-west and south-east of our area. Scarcely any force beyond a moderate breeze. A Southerly and South-Westerly breeze setting in later over Ireland, but no change of importance elsewhere.

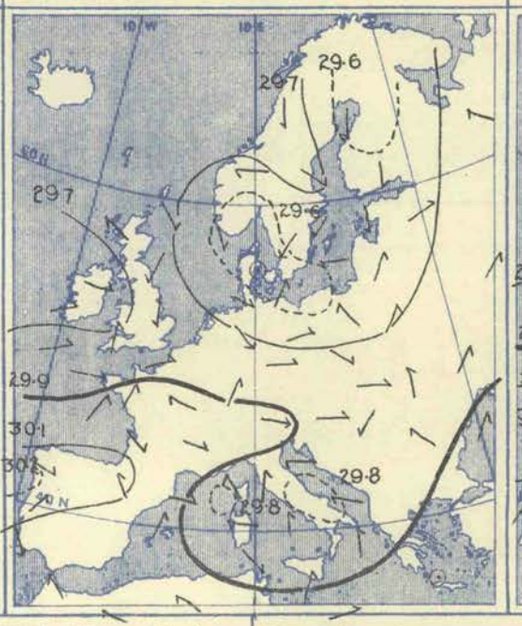
BAROMETER in morning above 30·1 ins. over the Bay of Biscay and its vicinity and above 30·0 ins. over the south-east of our area. Below 29·4 ins. in a large depression over the north of Russia, and no higher than 29·8 ins. in another system of irregular form over the North Sea and most of Scandinavia. Russian disturbance apparently moving eastwards during day, but barometer falling still lower over Denmark and the south of Norway. A decided fall of the barometer taking place along the west coast of Ireland owing to the approach of another disturbance from the westward.

Friday, 10th August, 1906.

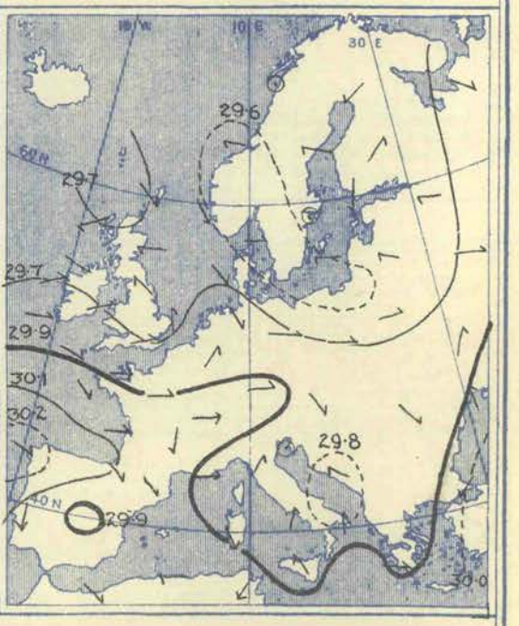
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. dull in most parts of these Islands, and the north of France, with rain or passing showers at Brest, in the south-west and west of England, and over Ireland. Fine and bright over Russia and in most parts of southern Europe; cloudy or overcast elsewhere, with rain at Neu-Fahrwasser. Rain falling later in most parts of these Islands and over the Northern half of the Continent, as well as at Lesina. Thunder heard at Aberdeen and Jersey and lightning seen at Clacton-on-Sea.

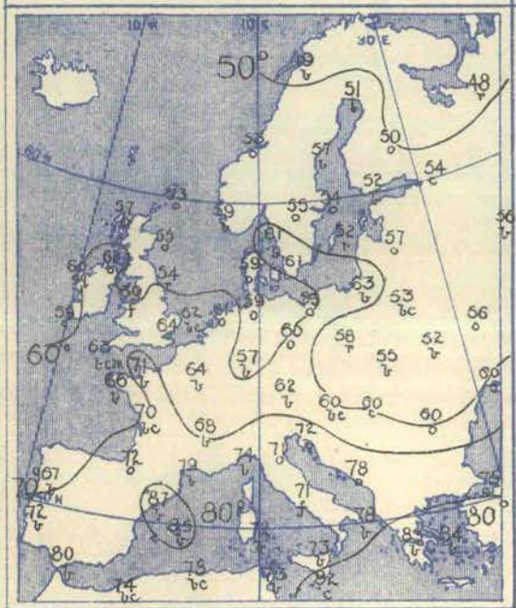
TEMPERATURE risen at some stations on the shores of the Mediterranean and at others in central Europe; fallen generally. Readings in morning, below 60° in most parts of the United Kingdom and at many stations over the northern half of the Continent, and below 50° in the north of Sweden. Above 70° in the south of our area and above 80° in places. Highest readings, 81° at Malta, 82° at Barcelona, and 88° at Palermo. Maxima during day, about 70° in several parts of England and in South Germany, above 80° in southern Europe, and above 90° in places. Highest values, 100° at Cagliari, 102° at Palermo, and 106° at Tunis and Aumale.

WIND at 8 a.m. showing several partial or complete cyclonic circulations; force light or moderate generally, but fresh or strong at a few stations over the region of the Baltic. No change of importance later in day.

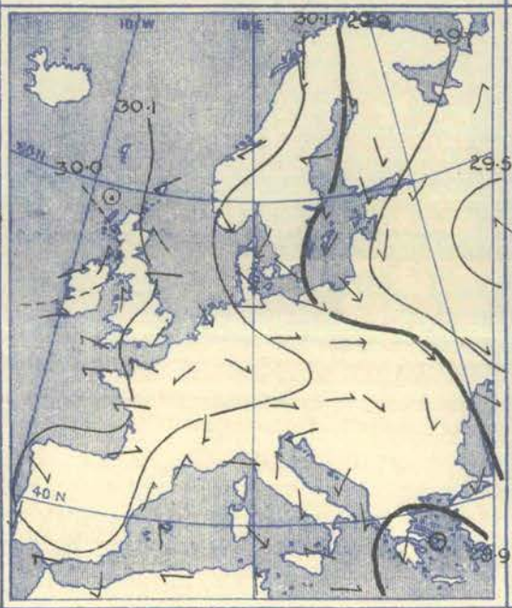
BAROMETER in morning ranging from 30·2 ins. at Corunna to 29·8 ins. in two depressions over the Adriatic and off the south of France, to less than 29·7 ins. in another system extending over Ireland from the Atlantic, and to below 29·6 ins. in a large disturbance having its centre over the north of Denmark and the Skager Rack. Not much change occurring in the general distribution of pressure during day, but a local minimum forming over central Spain.

Tuesday, 7th August, 1906.

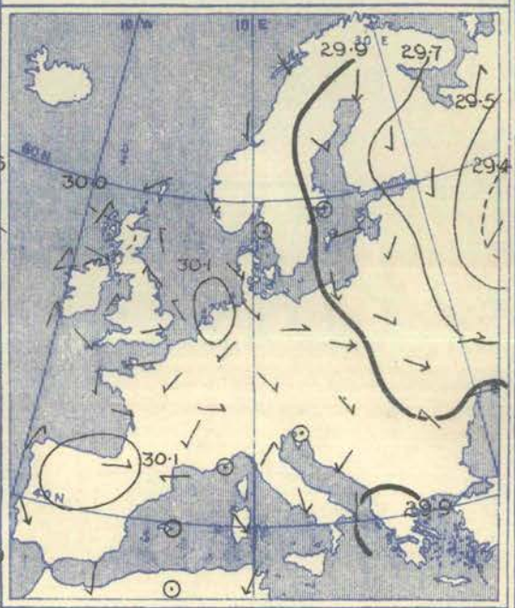
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. dull in places on the shores of the Baltic, with rain at Wisby; cloudy or overcast over our northern and western districts, with fog at Holyhead and Donaghadee. Fine and bright in nearly all other regions. Rain falling later in several parts of Russia and central Europe, as well as in the west and north of the United Kingdom.

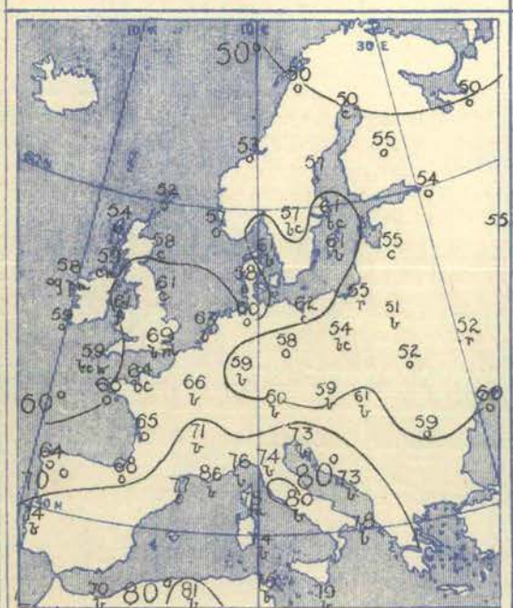
TEMPERATURE fallen in most places. Readings in morning a little below 50° in the extreme north of Russia and Norway and below 60° over our own northern districts and most parts of northern and central Europe. Above 70° in the southern countries generally and above 80° at some stations. Highest values, 84° at Athens, 85° at Palma, and 87° at Barcelona. Maxima during day as high as 80° in London, 82° Oxford and Nottingham, above 80° in nearly all French and Italian localities, and above 90° in several places. Thermometer touching 91° at Florence and Rome, 96° at Cagliari, 97° at Croisette, 98° at Toulouse, and 101° at Aumale.

WIND in morning light to fresh or strong from the Northward or North-Westward over the eastern half of our area, light and variable in the south, as well as over Great Britain; a light air from South-West prevailing over Ireland. No change of importance during day.

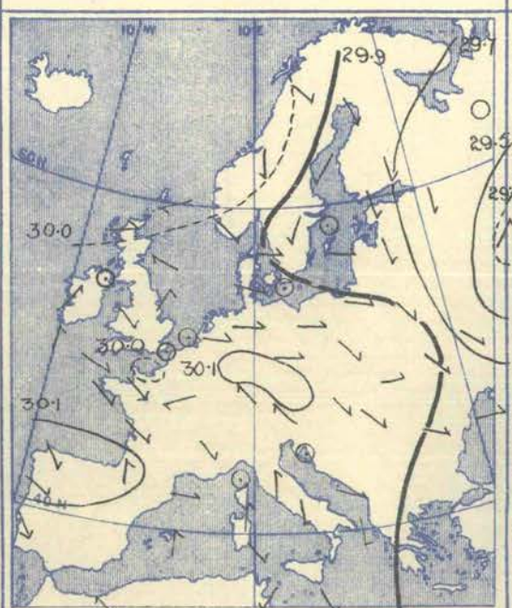
BAROMETER in morning above 30·1 ins. in an irregularly shaped band extending from the Iberian Peninsula, across the North Sea, to the Arctic Circle. Below 30·0 ins. off our north-west coasts and also over Italy and its neighbourhood, less than 29·9 ins. over the Balkan Peninsula, and below 29·5 ins. in a depression over Russia. Latter system travelling eastwards during day, but scarcely any change taking place in the general distribution of pressure.

Wednesday, 8th August, 1906.

Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.

WEATHER at 8 a.m. fair or fine and bright in most parts of our area, but dull in Russia, with rain in places, and cloudy or overcast in Norway, the west of France, and on our extreme north and west coasts, with showers at Blacksod Point. Fog prevailing over parts of the Irish Sea and St. George's Channel. Thunderstorms later in the south of France and at Paris as well as in the east and north of England. Rain heavy, 1·34 in., at Great Yarmouth, 1·41 in. at Rauceby, and about half an inch at Leith and North Shields.

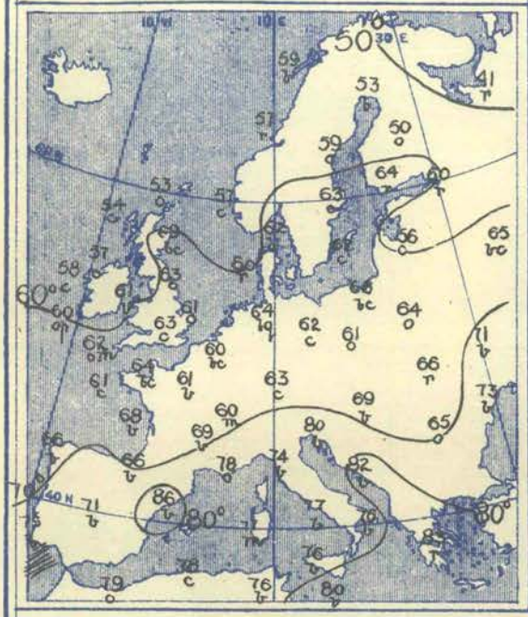
TEMPERATURE risen over Great Britain, changed rather irregularly as a whole. Readings at 8 a.m., 70° at Clacton on-Sea, above that value at all stations in southern Europe; 80° at Rome and Leghorn, 84° at Palma, and 86° at Cape Sicié. Maxima during day, 83° at Margate and in the centre of England, 82° in London, and 77° at Darwen. Thermometer rising to 90° and above in many southern regions. Highest readings, 91° at Athens, 93° at Lyons, Rome, and Florence, 95° at Algiers, 104° at Madrid, and 106° at Aumale. Maxima low on our north and west coasts.

WIND at 8 a.m. circulating cyclonically over Russia and a local cyclonic movement prevailing over the English Channel. Light and variable generally. No change of a general character later; cyclonic movement extending from the Channel to England.

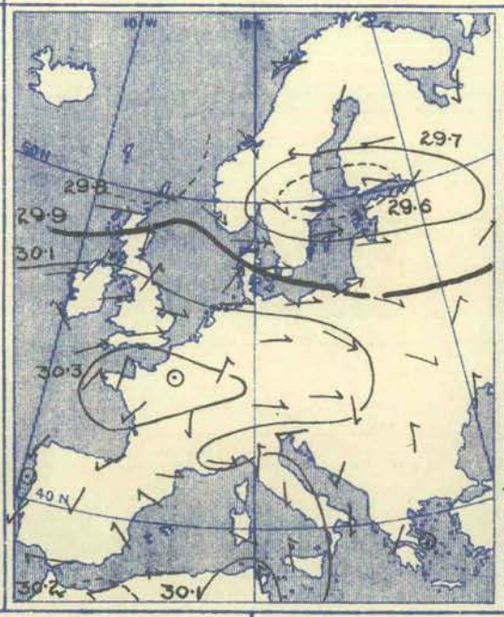
BAROMETER in morning, above 30·1 ins. over the North of Spain and the adjacent portion of the Bay of Biscay and also at some German stations. Relatively high to the northward of our Islands. Below 30·0 ins. in a small minimum over the English Channel, and below 29·4 ins. in a large disturbance having its centre near Moscow. Latter system apparently travelling north-eastwards later in day and that over the Channel increasing in intensity and extending northwards to Scotland.

Sunday, 5th August, 1906.

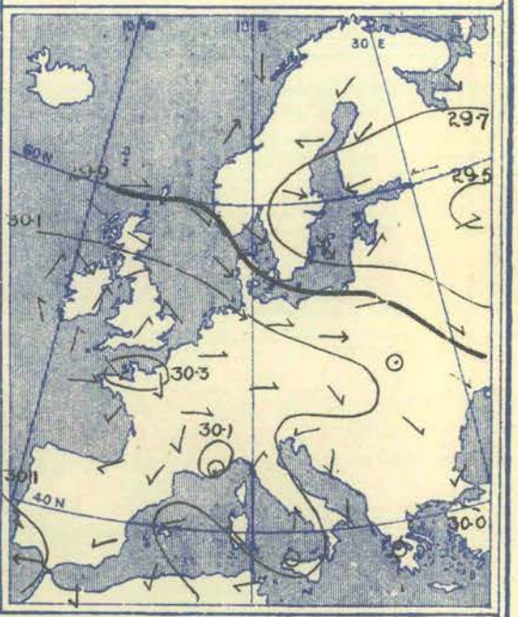
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. very fine in most regions, but dull in parts of the United Kingdom, with showers at Valencia and rain at Bath. Overcast and rainy at some stations on the shores of the Gulf of Finland, and also at Christiansund, Fanö, and Lemberg. Rather heavy rain later in many localities in Russia, Finland, North Germany, and Scandinavia, and slight falls in a few parts of these Islands.

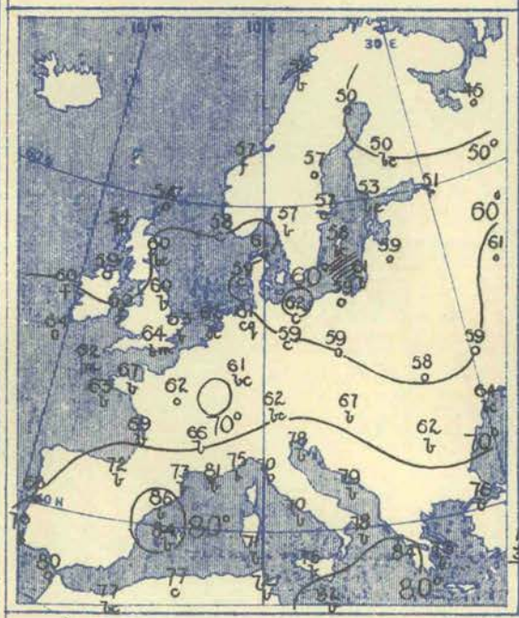
TEMPERATURE changed little over the United Kingdom, fallen over the greater portion of the Continent. Readings in morning, above 70° in the south of Russia and over the Mediterranean region and above 80° in places. Highest readings, 83° in Greece and 86° at Barcelona. Below 60° in the north of Russia, the major portion of Scandinavia, and at several stations in the north and west of our Islands; lowest values, 53° at Sumburgh Head and 41° at Archangel. Maxima during day, 70° or above in many parts of our Islands, above 80° over central and southern Europe and above 90° in places. Highest readings, 91° at Biarritz and Toulouse, 93° at Rome and Athens, 94° at Florence, 95° at Cagliari, and 99° at Aumale.

WIND in morning showing a very decided cyclonic circulation over Scandinavia and its neighbourhood; and Easterly gale prevailing at Hernösand. Mainly Westerly over these Islands, except around the St. George's Channel, very light and variable over the Mediterranean, and anticyclonic over France and the Bay of Biscay. Scarcely any change later.

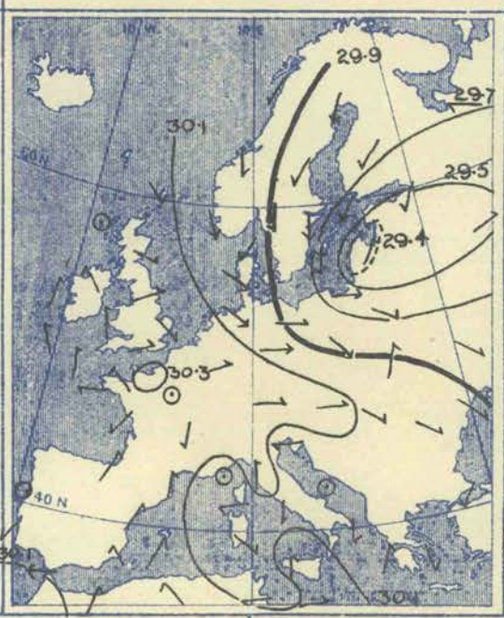
BAROMETER in morning, above 30·3 ins. in an anticyclone centred over France. Below 29·8 ins. in a depression off the north of Scotland, and less than 29·6 ins. and a deep disturbance having its minimum near the entrance to the Gulf of Finland. An extremely small and shallow depression over the St. George's Channel. Latter travelling eastwards across England during day and the deep disturbance over northern Europe extending in an easterly direction. High pressure area over France maintaining its position.

Monday, 6th August, 1906.

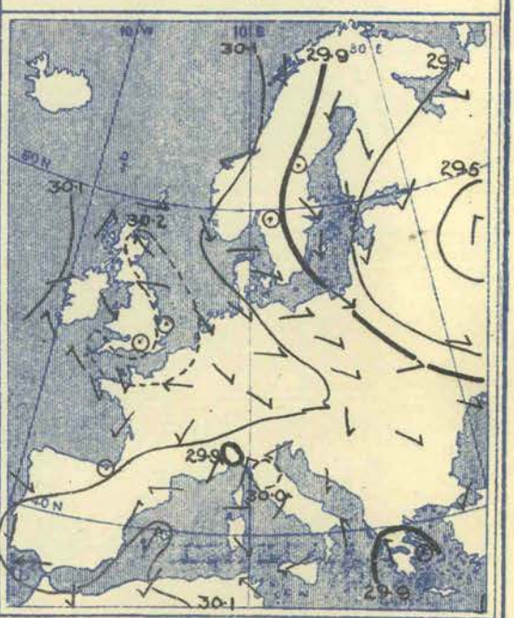
Temperature and Weather 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. rough and unsettled over the greater part of Scandinavia, the Baltic, Germany, and Russia; very fine and bright over the rest of the Continent and most of the United Kingdom, but foggy on some parts of our west and south-west coasts. Fog continuing all day at some of our stations and a little rain falling in Ireland. Considerable falls of rain experienced in some localities on the shores of the Baltic.

TEMPERATURE fallen over northern and central Europe, changed little and rather irregularly elsewhere. Readings in morning, below 55° in the Hebrides and Shetlands and in the north of Scandinavia and Russia and as low as 45° at Archangel. Above 60° over the greater portion of our Islands and above 70° over southern Europe; highest values, 80° at San Fernando, 82° at Malta, 84° at Patras, and 86° at Barcelona. Rising later to 76° in London and at Bath, 77° at Harrogate, 79° at Nottingham and Jersey, and to above 90° at some French stations and over the Iberian and Italian peninsulas, as well as in Greece and Algeria. Highest figures, 99° at Rochefort and Tunis, 100° at Cape Sicié, and 102° at Aumale.

WIND in morning circulating cyclonically with considerable force over the north-east of our area; a Northerly and North-Westerly gale prevailing at Wisby and Memel. Light airs, mainly from the Southward, on our western coasts and from the North-Westward in the east. Light variable winds prevalent over the more southern regions of Europe. Strong winds and gales subsiding over the Baltic by evening, but no other change of importance.

BAROMETER at 8 a.m. ranging from above 30·2 ins. in an area of irregular shape covering most of the United Kingdom, France, and South Germany to 29·4 ins. and less in a depression over the Gulf of Riga. Gradients steep or rather so over North Germany, Poland, and the Baltic. Depression apparently travelling away eastwards during day and baric gradient decreasing quickly in its rear. Pressure changes slight and downward over Europe as a whole.

August 5-11, 1906. Districts.	Names of Stations.	Temperature. In Degrees Fahrenheit. Highest observed.	Lowest observed.	Averages for the Week. Of Highest each day.	Of Lowest each day.	For whole of each day.	Difference of Daily Average from Mean for the Week.	Accumulated Heat for the Week (in Day-degrees). Above 42°	Below 42°	Rainfall. Number of Rain-Days.	Rainfall in the Week.	Difference from the Mean for the Week.	Bright Sunshine. Number of Hours recorded.	Difference from the Mean for the Week.	Percentage of possible duration.	Difference from the Mean for the Week.
		°	°	°	°	°	°	Day-deg	Day-deg		Inches.	Inches.	Hrs.	Hrs.	%	%
0. SCOTLAND, N.	†Sumburgh Head (Deerness)	57	46	55·3	48·6	51·8	− 0·9	69	0	5	0·15	− 0·53	16·8	− 11·4	15	− 10
	Wick	61	48	59·0	49·9	54·2	− 0·7	85	0	2	0·06	− 0·56	*	*	*	*
	†Lairg (Strathpeffer) ℌ	72	43	64·1	48·0	55·6	+ 0·7	95	0	5	0·43	− 0·25	21·3	− 6·7	20	− 6
	Stornoway	64	47	62·0	51·4	56·4	+ 1·8	101	0	5	0·19	− 0·64	21·5	− 9·4	20	− 9
	Glencarron	69	47	62·0	50·2	55·8	+ 1·1	97	0	5	1·25	− 0·30	*	*	*	
	Fort Augustus ℌ	70	48	63·9	51·9	57·5	+ 0·8	109	0	3	1·10	+ 0·33	16·3	− 4·7	15	− 4
	Fort William ℌ	71	49	64·1	52·1	57·7	+ 0·4	110	0	7	0·62	− 0·68	*	*	*	*
1. SCOTLAND, E.	Nairn	67	46	62·3	50·6	56·1	− 0·6	99	0	3	0·26	− 0·35	*	*	*	*
	Aberdeen	66	45	60·9	51·0	55·7	− 0·9	96	0	2	0·26	− 0·44	19·0	− 16·0	17	− 15
	†Balmoral (Crathes) ℌ	70	40	62·2	46·3	53·8	+ 0·1	83	0	3	1·04	+ 0·27	27·5	—	25	—
	†Clathick (Balruddery) ℌ	76	42	66·3	50·3	57·8	+ 0·2	111	0	5	1·19	+ 0·31	28·4	—	26	—
	†Leith (Edinburgh)	70	51	64·4	53·7	58·7	+ 0·1	117	0	4	1·12	+ 0·48	25·0	− 8·0	23	− 8
	Marchmont ℌ	71	45	65·4	49·1	56·8	+ 0·5	104	0	4	1·23	+ 0·41	32·2	− 2·5	30	− 2
2. ENGLAND, N.E. Northern part.	†Alnwick Castle (Cockle Park)	68	46	64·1	50·8	57·1	− 0·3	106	0	4	0·73	+ 0·03	29·4	—	28	—
	†Shields (Newcastle)	69	50	61·9	51·4	56·3	− 1·4	100	0	5	0·97	+ 0·32	24·5	− 6·4	23	− 6
	Durham	72	47	67·0	51·6	58·8	+ 0·4	118	0	5	1·09	+ 0·46	25·5	− 9·3	24	− 9
	Scarborough ℳ	73	53	66·0	54·5	59·9	+ 1·2	125	0	5	0·94	+ 0·30	33·4	—	32	—
	York	77	50	69·0	53·1	60·6	+ 1·0	130	0	5	1·11	+ 0·51	35·5	− 0·1	34	0
Southern part.	†Spurn Head (Saltburn)	70	56	66·1	57·1	61·3	+ 1·5	135	0	3	0·64	+ 0·17	*	*	*	*
	†Lincoln (Skegness)	79	49	73·8	54·5	63·6	+ 3·1	151	0	3	0·82	+ 0·25	51·3	—	49	—
	†Fulbeck (Rauceby)	81	50	74·0	54·3	63·6	+ 3·3	151	0	3	0·65	+ 0·08	51·8	—	49	—
	(Cromer)												43·0	—	41	—
3. ENGLAND, E. Northern part.	Hillington ℳ	84	46	75·4	52·6	63·3	+ 3·0	149	0	3	1·99	+ 1·34	55·3	+ 13·5	53	+ 13
	†Yarmouth (Lowestoft)	70	55	68·1	57·6	62·5	+ 2·1	144	0	3	1·61	+ 1·06	61·4	—	59	—
	Geldeston	83	49	73·3	53·4	62·3	+ 2·4	146	0	2	0·04	− 0·48	51·8	+ 7·2	49	+ 7
	(Dunmow)												61·0	—	59	—
Southern part.	Cambridge	82	49	75·8	54·0	64·3	+ 2·9	156	0	1	0·08	− 0·47	58·1	+ 9·1	51	+ 9
	Felixstowe	76	54	71·9	58·5	64·8	+ 3·3	160	0	1	0·02	—	67·3	—	65	—
	Clacton-on-Sea	75	55	72·4	58·7	65·1	+ 2·7	162	0	1	0·04	—	65·8	—	63	—
	Rothamsted ℳ	81	51	74·4	53·8	63·5	+ 3·4	151	0	2	0·06	− 0·52	60·6	+ 15·9	58	+ 15
	†Shoeburyness (Southend)	78	57	73·9	59·0	66·0	+ 3·1	168	0	1	0·01	− 0·39	58·0	—	56	—
	London, Westminster	82	55	75·0	56·9	65·4	+ 3·4	164	0	1	0·03	− 0·51	43·7	+ 4·8	42	+ 5
4. MIDLAND COUNTIES. Eastern part.	Harrogate	77	49	68·0	52·7	59·9	+ 2·2	125	0	5	0·60	− 0·05	37·7	—	36	—
	†Bawtry (Worksop)	80	45	72·6	52·0	61·7	+ 2·1	138	0	2	0·37	− 0·19	33·3	− 1·2	32	− 1
	Nottingham	83	51	75·6	54·4	64·4	+ 4·1	157	0	2	0·06	− 0·52	48·9	—	47	—
	†Colly Weston (Oundle)	82	50	75·6	53·7	64·0	+ 2·8	154	0	2	0·24	− 0·31	*	*	*	*
	Birmingham, Edgbaston	79	53	73·0	55·9	63·9	+ 4·6	153	0	1	0·08	− 0·57	43·5	—	41	—
	Oxford	83	52	75·6	55·3	64·8	+ 3·8	160	0	1	0·15	− 0·40	60·8	+ 17·8	59	+ 17
Western part.	†Cheadle (Sheffield) ℳ	78	52	70·1	54·4	61·8	+ 4·1	139	0	5	0·62	− 0·17	34·5	—	33	—
	Shrewsbury	83	52	73·9	55·7	64·3	+ 4·7	156	0	4	0·16	—	*	*	*	*
	Hereford ℳ	79	50	72·9	52·2	61·9	+ 1·6	139	0	3	0·07	− 0·49	*	*	*	*
	Cirencester	80	50	74·1	51·9	62·3	+ 3·4	142	0	0	0·00	− 0·70	55·0	+ 12·7	53	+ 12
	Bath	80	55	73·9	56·4	64·6	+ 4·0	158	0	2	0·10	− 0·55	58·8	—	57	—
	(Margate)												58·3	+ 14·2	56	+ 14
5. ENGLAND, S.	Kew	82	54	75·3	56·6	65·4	+ 3·9	164	0	3	0·19	− 0·35	54·2	+ 10·2	52	+ 10
	Wisley, Surrey	84	53	76·0	54·7	64·7	+ 2·7	159	0	2	0·03	—	52·6	—	51	—
	†Swarraton (Ventnor) ℳ	80	49	73·0	53·1	62·5	+ 3·1	144	0	3	0·18	− 0·48	50·9	+ 3·2	49	+ 3
	Tunbridge Wells ℳ	82	52	73·9	54·4	63·6	+ 3·1	151	0	1	0·02	− 0·52	55·0	+ 9·9	53	+ 10
	†Dungeness (Littlestone)	74	55	70·3	57·6	63·6	+ 1·8	151	0	1	0·02	− 0·42	58·1	—	56	—
	Hastings	75	54	71·3	56·6	63·5	+ 2·0	151	0	1	0·05	− 0·50	58·3	+ 8·3	57	+ 8
	Southampton	80	55	74·6	56·6	65·1	+ 2·7	162	0	1	0·02	− 0·60	46·9	− 1·2	45	− 1
	†Portland Bill (Worthing)	69	58	65·3	59·0	62·0	+ 0·4	140	0	3	0·05	—	59·6	—	58	—
	(Eastbourne)												58·5	+ 10·0	57	+ 10
6. SCOTLAND, W.	†Laudale, (Oban)	70	49	64·8	52·6	58·3	+ 1·2	114	0	6	0·77	− 0·54	24·0	—	22	—
	Glasgow	71	48	64·3	52·9	58·3	+ 1·3	114	0	5	0·88	− 0·02	21·2	− 9·4	20	− 9
	Dumfries ℌ	78	45	70·7	52·7	61·2	+ 2·9	134	0	6	0·59	− 0·28	*	*	*	*
	Cally ℌ	70	46	67·9	49·8	58·3	+ 1·7	114	0	5	0·52	− 0·48	*	*	*	*
	Douglas, Isle of Man	69	50	65·4	53·9	59·3	+ 2·2	121	0	4	0·69	− 0·21	40·2	− 0·6	38	− 1
7. ENGLAND, N.W.	Aspatria	73	51	67·7	54·2	60·6	+ 2·7	130	0	3	0·20	− 0·78	39·3	—	37	—
	Newton Rigg	76	47	67·0	52·4	59·3	+ 2·7	121	0	4	0·63	− 0·17	32·4	− 3·4	30	− 3
	Stonyhurst	73	49	66·2	53·8	59·6	+ 1·4	123	0	4	0·48	− 0·68	40·5	+ 4·7	38	+ 4
	Blackpool ℳ	72	50	66·9	55·4	60·8	+ 1·3	132	0	3	0·37	− 0·40	51·5	+ 13·2	49	+ 13
	Manchester, Prestwich	80	48	69·4	54·2	61·3	+ 2·8	135	0	5	0·82	− 0·04	38·8	+ 6·4	37	+ 6
	†Liverpool Obs. (Hoylake)	74	55	66·7	57·1	61·6	+ 1·9	137	0	4	0·37	− 0·31	51·1	—	48	—
	†Hawarden Bridge (Southport)	76	51	72·2	55·3	63·2	+ 3·0	148	0	4	0·29	− 0·37	52·7	—	50	—
NORTH WALES	Llandudno ℳ	74	55	68·9	57·4	62·8	+ 2·4	146	0	5	0·22	− 0·46	48·6	+ 9·8	46	+ 9
	†Holyhead (Aberdovey)	69	54	65·7	55·3	60·2	+ 1·3	127	0	4	0·26	− 0·44	44·0	—	42	—
	Bettws-y-Coed	78	55	71·6	56·3	63·5	+ 4·0	151	0	4	0·42	—	42·5	—	41	—
SOUTH WALES	Llangammarch Wells	77	52	69·6	53·0	60·8	+ 2·4	132	0	4	0·24	—	42·8	—	41	—
	Pembroke	66	55	63·6	56·6	59·9	+ 0·6	125	0	4	0·13	− 0·54	29·8	− 14·7	29	− 14
	†Cardiff (Aberystwyth)	79	51	71·4	55·4	62·9	+ 2·2	146	0	5	0·20	− 0·78	45·5	—	43	—
8. ENGLAND, S.W.	†Clifton (Torquay)	80	57	72·4	58·9	65·3	+ 3·8	163	0	3	0·15	− 0·64	41·8	− 6·7	41	− 7
	†Shaftesbury (Marlborough) ℳ	77	51	70·9	55·6	62·8	+ 3·5	146	0	4	0·11	− 0·55	44·7	+ 3·5	43	+ 3
	†Arlington (Newquay)	77	53	68·6	55·9	61·9	+ 3·4	139	0	5	0·54	− 0·54	42·3	− 4·8	41	− 5
	Cullompton ℳ	79	53	73·7	56·3	64·5	+ 4·1	158	0	4	0·15	− 0·52	34·4	− 7·0	33	− 7
	Plymouth	76	57	69·6	58·4	63·7	+ 2·5	152	0	4	0·44	− 0·23	37·1	− 8·6	36	− 8
	Falmouth	71	55	67·5	57·6	62·3	+ 2·1	142	0	3	0·11	− 0·65	42·7	− 6·8	42	− 7
9 IRELAND, N. Western part.	Malin Head	70	53	63·1	54·7	58·7	+ 1·3	117	0	6	0·49	− 0·27	*	*	*	*
	Edenfel	73	46	66·9	52·1	59·1	+ 2·4	120	0	5	0·81	− 0·12	*	*	*	*
	Blacksod Point	67	51	63·3	55·1	59·0	+ 1·0	119	0	7	1·19	+ 0·16	*	*	*	*
	Markree Castle	73	47	67·6	52·4	59·5	+ 2·5	123	0	6	1·19	+ 0·24	26·6	− 2·7	25	− 3
Eastern part.	Armagh	74	50	68·6	52·7	60·2	+ 2·6	127	0	5	0·78	− 0·02	33·0	+ 3·0	31	+ 3
	Donaghadee	70	50	64·1	53·1	58·3	+ 0·8	114	0	6	0·69	− 0·08	*	*	*	*
10. IRELAND, S. Eastern part.	†Dublin, City (Phœnix Park)	74	52	70·0	56·3	62·7	+ 3·0	145	0	5	0·47	− 0·25	36·6	− 0·7	35	− 1
	Kilkenny	74	45	69·0	52·7	60·4	+ 1·2	129	0	3	0·20	− 0·60	*	*	*	*
	Waterford	73	49	69·3	54·0	61·2	+ 1·9	134	0	3	0·16	− 0·71	*	*	*	*
Western part.	Birr Castle	75	49	68·1	53·4	60·3	+ 1·8	128	0	5	0·28	− 0·59	38·1	+ 6·0	36	+ 6
	Foynes	76	48	67·6	55·1	61·0	+ 2·5	133	0	6	0·64	− 0·25	*	*	*	*
	Killarney	75	47	69·7	55·1	62·0	+ 2·8	140	0	5	0·30	− 0·72	*	*	*	*
	Valencia	69	49	65·0	55·1	59·8	+ 0·4	125	0	7	0·67	− 0·44	23·1	− 11·6	22	− 11
	†Roches Point (Ballinacurra)	69	50	64·6	54·1	59·0	− 0·7	119	0	5	0·30	− 0·60	28·4	—	27	—
11. ENGLISH CHANNEL	Scilly, St. Mary's	68	57	65·9	58·6	62·0	+ 1·0	140	0	4	0·14	− 0·43	39·3	− 12·3	38	− 12
	†Jersey, St. Aubins (St. Heliers)	82	55	71·7	58·4	64·7	+ 1·7	159	0	3	0·11	− 0·44	49·3	− 6·1	48	− 6
	Guernsey	79	57	69·7	58·5	63·8	+ 2·1	153	0	3	0·10	− 0·47	51·0	− 5·0	50	− 5

Information for Stations marked ℳ is supplied by the Royal Meteorological Society, and that for Stations marked ℌ is supplied by the Scottish Meteorological Society.

* An Asterisk is inserted in all places for which the information is not usually given.

† There is no Sunshine Recorder in use at this Station. The figures entered for Sunshine are those recorded at a Station in the same district of which the name is given in brackets.

Additional Sunshine Totals for the week: Ramsgate, 61·1 hrs., 59 %; Brighton, 51·1 hrs. (+ 0·7), 50 % (+ 1 %); Bournemouth, 45·5 hrs., 44 %; Bognor, 55·1 hrs., 54 % Rhyl, 49·3 hrs., 47 %; Tenby, 36·3 hrs. (− 9·0) 35 % (− 9 %).

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TWENTY-NINTH YEAR. Vol. XXIII. (New Series.) } No. 32. THIRTY-SECOND WEEK, ENDING SATURDAY, AUGUST 11TH, 1906.

[Price 6d. Annual Subscription post paid £1 10s. 0d.

I.—GENERAL REMARKS.

Weather was generally fine over the eastern, central, and southern counties of England, but somewhat unsettled over the Kingdom generally. Thunderstorms were experienced on Tuesday in some places over the north and north-east of England, but on the following day they were more general. They were most severe over the east of England. At Yarmouth the accompanying rainfall was 1·34 in. and at Rauceby as much as 1·41 in. fell between 10 and 11.30 p.m.

Temperature was above the average in all districts except Scotland E., the excess being greatest, 3·4°, in the Midland Counties. The highest of the maxima, which occurred on Wednesday in most parts of England, but earlier in the week in Ireland and Scotland, were 84° in England S. and E., 83° in the Midland Counties, and 82° in the Channel Islands. In Ireland and Scotland the thermometer failed to touch 80°, and in Scotland N. reached only 72°. The lowest of the minima were recorded on rather irregular dates. In Scotland E. the reading was as low as 40°, and in Scotland N. 43°. Elsewhere the figures ranged from 45° in the Midland Counties, Scotland W. and Ireland S. to 51° in England S.W., and to 55° in the Channel Islands.

Rainfall was less than the normal in all districts except Scotland E. and England N.E., the fall being especially slight in England S. and the Channel Islands.

Bright Sunshine differed little from the normal over the Kingdom generally, but was above it in most parts of England. The percentage of the possible duration ranged from 53 in England E., 52 in England S., and 45 in the Channel Islands, to 28 in Ireland N., 24 in Scotland E., and 17 in Scotland N.

Barometer and Wind.—The high pressure systems observed were of slight or moderate intensity, and frequently changed their positions, while the cyclonic disturbances were very shallow, and either spread over our Islands from the Atlantic, or travelled over us from France. Under these circumstances the winds were light in force and variable in direction, but they were more often from West or South-West than from any other point.

SUMMARY OF TEMPERATURE, RAINFALL, AND DURATION OF BRIGHT SUNSHINE IN THE UNITED KINGDOM, FOR AGRICULTURAL AND SANITARY PURPOSES.

THE WEEK (32nd)—August 5th to August 11th, 1906.

DISTRICTS. (See p. 188.)	Temperature. Highest.	Lowest.	Means of Daily Max.	Daily Min.	Daily Mean.	Difference from Av. (35 Yrs.)	Accumulated. Number of Day-Degrees. Above 42°	Difference from Av. (25 Yrs.)	Below 42°	Difference from Av. (25 Yrs.)	Rainfall. Number of Rain-Days.	Diff. from Av. (35 Yrs.)	Total Fall.	Difference from Average (35 Yrs.)	Sunshine. Hours recorded.	Diff. from Av. (25 Yrs.)	Percentage of Possible Duration	Diff. from Av. (25 Yrs.)
	°	°	°	°	°	°	Day-deg.	Day-deg.	Day-deg	Day-deg.			Inches.	Inches.			%	%
0. SCOTLAND, NORTH ..	72	43	61·5	50·3	55·6	+ 0·5	95	+ 7	0	0	5	+ 1	0·54	−0·38	19	− 8	17	− 7
1. SCOTLAND, EAST ..	76	40	63·6	50·2	56·5	− 0·1	102	0	0	0	4	0	0·85	+0·11	26	− 9	24	− 8
2. ENGLAND, N.E. ..	81	46	67·7	53·4	60·2	+ 1·1	127	+ 12	0	0	4	+ 1	0·87	+0·27	38	− 5	36	− 4
Eastern 3. ENGLAND, EAST ..	84	46	73·4	56·1	64·2	+ 2·9	155	+ 27	0	0	2	− 1	0·43	+0·11	55†	+ 10	53†	+10
4. MIDLAND COUNTIES	83	45	73·2	54·1	63·1	+ 3·4	148	+ 25	0	0	2	− 2	0·22	−0·40	47	+ 10	44	+ 9
5. ENGLAND, SOUTH ..	84	49	72·5	56·1	63·8	+ 2·5	153	+ 17	0	0	2	− 1	0·07	−0·49	54	+ 7	52	+ 7
6. SCOTLAND, WEST ..	78	45	66·6	52·4	59·1	+ 1·9	120	+ 15	0	0	5	+ 1	0·69	−0·31	31	− 5	29	− 5
7. ENGLAND, N.W. ..	80	47	68·2	55·1	61·3	+ 2·4	135	+ 18	0	0	4	0	0·41	−0·40	43	+ 6	41	+ 6
Western 8. ENGLAND, S.W. ..	80	51	69·7	56·4	62·7	+ 2·7	145	+ 20	0	0	4	0	0·23	−0·56	39	− 8	38	− 8
9. IRELAND, NORTH ..	74	46	65·6	53·4	59·1	+ 1·8	120	+ 12	0	0	6	+ 1	0·86	−0·02	30	0	28	0
10. IRELAND, SOUTH ..	76	45	67·9	54·5	60·8	+ 1·5	132	+ 13	0	0	5	+ 1	0·38	−0·52	32	− 2	30	− 2
11. CHANNEL ISLANDS..	82	55	69·1	58·5	63·5	+ 1·6	151	+ 13	0	0	3	0	0·12	−0·45	47	− 8	45	− 8

THE SEASON (Summer).—Aggregates, &c., for the Period of 10 Weeks, June 3rd to August 11th, 1906.

0. SCOTLAND NORTH ..	78	33	*	*	*	*	836	+ 29	0	− 4	40	− 1	7·85	+0·37	346	+ 24	29	+ 2
1. SCOTLAND, EAST ..	82	33	*	*	*	*	982	+ 35	0	− 2	35	− 1	4·66	+1·54	405	+ 26	34	+ 2
2. ENGLAND, N.E. ..	82	34	*	*	*	*	1173	+115	0	− 1	25	− 6	3·59	−1·73	478	+ 58	42	+ 5
Eastern 3. ENGLAND, EAST ..	85	33	*	*	*	*	1267	+ 74	0	− 1	19	−10	3·54	−1·67	580†	+118	52	+11
4. MIDLAND COUNTIES	84	33	*	*	*	*	1222	+ 59	0	− 1	23	− 8	3·52	+2·24	490	+ 94	44	+ 8
5. ENGLAND, SOUTH ..	84	34	*	*	*	*	1246	− 16	0	0	19	−10	2·70	−2·39	599	+124	54	+11
6. SCOTLAND, WEST ..	83	40	*	*	*	*	1030	+ 43	0	− 1	37	0	6·56	−1·63	444	+ 38	38	+ 3
7. ENGLAND, N.W. ..	80	38	*	*	*	*	1142	+ 49	0	0	32	− 2	4·57	−2·11	478	+ 63	42	+ 6
Western 8. ENGLAND, S.W. ..	80	34	*	*	*	*	1170	+ 12	0	0	31	− 2	4·86	−1·80	474	+ 16	43	+ 1
9. IRELAND, NORTH ..	78	36	*	*	*	*	1003	− 12	0	0	41	− 1	5·41	−1·54	373	+ 28	33	+ 2
10. IRELAND, SOUTH ..	79	36	*	*	*	*	1180	+ 61	0	0	43	+ 6	6·13	−0·95	397	+ 7	35	+ 1
11. CHANNEL ISLANDS..	83	44	*	*	*	*	1277	+ 21	0	0	22	−10	2·20	−2·92	567	+ 11	52	+ 1

THE YEAR.—Aggregates, &c., for the period of 32 Weeks, December 31st, 1905, to August 11th, 1906.

0. SCOTLAND, NORTH ..	78	8	*	*	*	*	1138	−103	646	+ 87	158	+22	32·75	+5·90	818	− 1	27	0
1. SCOTLAND, EAST ..	82	11	*	*	*	*	1413	− 55	624	+ 20	128	+13	18·70	+1·12	1011	+ 74	34	+ 3
2. ENGLAND, N.E. ..	82	18	*	*	*	*	1740	+145	464	− 22	112	+ 7	12·86	−1·29	1120	+ 82	38	+ 3
Eastern 3. ENGLAND, EAST ..	85	23	*	*	*	*	1922	+ 52	413	−119	101	− 2	13·06	−0·54	1255†	+176	43	+ 6
4. MIDLAND COUNTIES	84	18	*	*	*	*	1895	+ 34	486	− 56	108	+ 3	13·73	−1·97	1079	+124	37	+ 4
5. ENGLAND, SOUTH ..	84	29	*	*	*	*	1960	− 50	351	− 39	106	+ 4	14·83	−0·23	1306	+195	45	+ 7
6. SCOTLAND, WEST ..	83	14	*	*	*	*	1548	− 4	419	− 2	133	+10	28·09	+1·60	1020	+ 50	34	+ 2
7. ENGLAND, N.W. ..	80	16	*	*	*	*	1698	− 23	379	− 13	124	+12	20·88	+2·46	1043	+ 75	35	+ 3
Western 8. ENGLAND, S.W. ..	80	19	*	*	*	*	1866	− 39	327	+ 31	125	+15	24·14	+3·15	1152	+ 85	39	+ 3
9. IRELAND, NORTH ..	78	20	*	*	*	*	1530	−141	355	+ 1	160	+23	22·90	+2·34	914	+ 16	31	+ 1
10. IRELAND, SOUTH ..	79	24	*	*	*	*	1932	0	264	0	147	+24	22·13	−0·99	1011	− 17	34	− 1
11. CHANNEL ISLANDS..	83	27	*	*	*	*	2119	− 56	79	− 35	122	+ 7	15·85	−1·87	1326	+ 26	45	+ 1

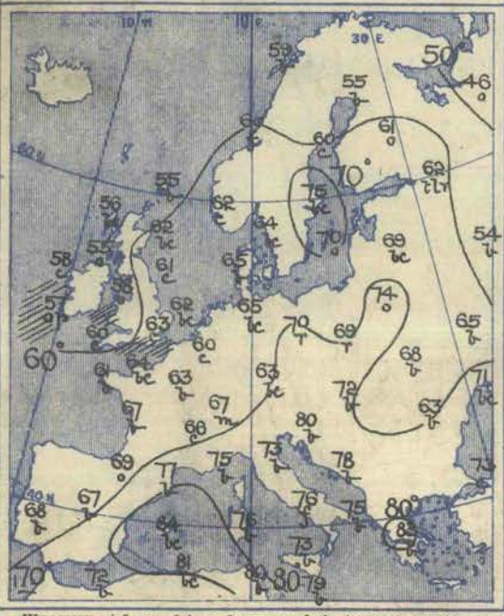
† Corresponding values for last week have been altered owing to the receipt of further information.

Bright Sunshine.—For certain of the Districts the values of Bright Sunshine in this Table are based on the records from a part only of the Stations included in the Tables under II. and IV. For certain of the Stations Mean Values are not available, and for the Districts containing these Stations the "Difference from Average" is based on the records from a smaller number of Stations than those supplying the values for "Hours Recorded."

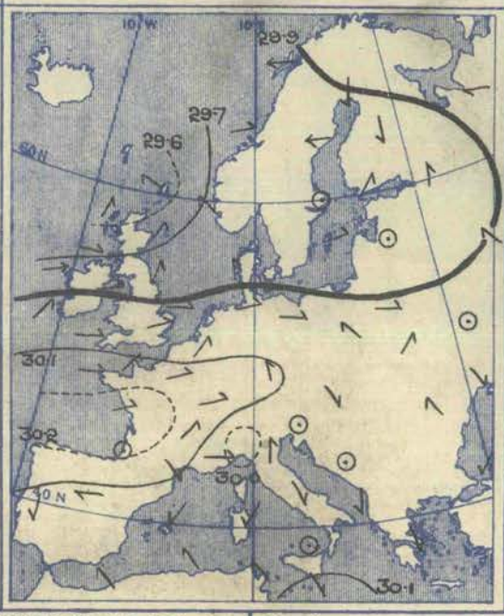
5120 370 Wy. & S. Ltd. 8 | 06

Saturday, 4th August, 1906.

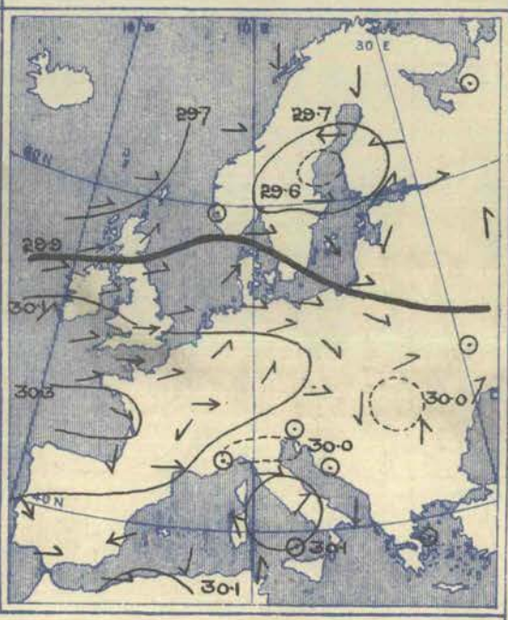
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fair or fine as a whole, but overcast in places both in the United Kingdom and on the Continent, with thunder at Nairn, showers at Valencia Island, rain at several German stations, and a thunderstorm at St. Petersburg. Thunderstorms later on the east coast of Great Britain, and slight rain on our most western and north-western coasts. Rather heavy rain experienced at some German stations and large quantities in various parts of Scandinavia and Finland.

TEMPERATURE fallen in most regions. Readings in morning as high as 84° at Palma and above 80° at several other southern stations, and no lower than 75° at Stockholm. Below 60° in the west and north of our Islands and the extreme north of the Continent, and as low as 46° at Archangel. Thermometer rising during day to 99° at Tunis, 95° at Florence, 94° at Rome and Marseilles, 92° at Buda-Pesth, and to 80° or higher in many other Continental regions. Maxima a little above 70° in some parts of our Islands and 77° at Stockholm.

WIND in morning moderate or fresh from the Westward over our Islands generally, but South-Westerly at some Scotch stations, and South-Easterly in the Shetlands. Light variable airs prevailing over the greater part of the Continent, but an anticyclonic circulation shown over France and its vicinity, and a cyclonic movement over Finland. A cyclonic circulation of considerable strength setting in later over Scandinavia; North-easterly current blowing a fresh gale at Wisby.

BAROMETER at 8 a.m. ranging from 30·2 ins. and upwards over France and the lower portion of the Bay of Biscay to below 29·8 ins. in a shallow depression over Finland, and to less than 29·6 ins. in a disturbance off the north of Scotland. Finnish depression travelling westwards later and increasing in intensity, anticyclone in south extending northwards, and disturbance off Scotland moving away in a northerly direction.

IV.—TEMPERATURE on the Grass, and in the Ground.

	STATION.	Grass Min. No. of Obs. of 30° or less.	Grass Min. Lowest reading.	Mean Earth Temp. At 1 foot.	Mean Earth Temp. At 4 feet.
			°	°	°
2.	York	—	—	61·8	56·8
	Hull	0	45	63·6	57·7
3.	Cambridge	0	42	—	—
	Dunmow	0	40	—	—
4.	Harrogate	0	45	58·6	55·9
	Sheffield	0	45	61·7	55·9
	Birmingham	0	46	59·1	58·6
	Nottingham	0	41	65·0	59·6
5.	Kew	0	43	65·8	59·4
	Canterbury	0	48	65·5	60·8
	Portsmouth	0	50	68·6	62·4
6.	Glasgow	0	45	—	—
7.	Newton Rigg	0	42	60·1	56·0
	Bettws-y-Coed	0	47	59·6	55·0
	Manchester (Oldham Road)	0	50	63·9	58·7
8.	Llangammarch Wells	—	—	60·4	55·0
	Bath				
	Plymouth	0	47	64·8	—
9.	Armagh	0	46	61·4	57·1
	Markree	0	40	61·9	—
10.	Dublin, Trin. Coll.	0	47	61·5	57·7
11.	Guernsey, Brooklyn	0	47	65·0	61·4

V.—OBSERVATIONS IN THE UPPER AIR.—Temperature, Humidity and Wind Velocity.

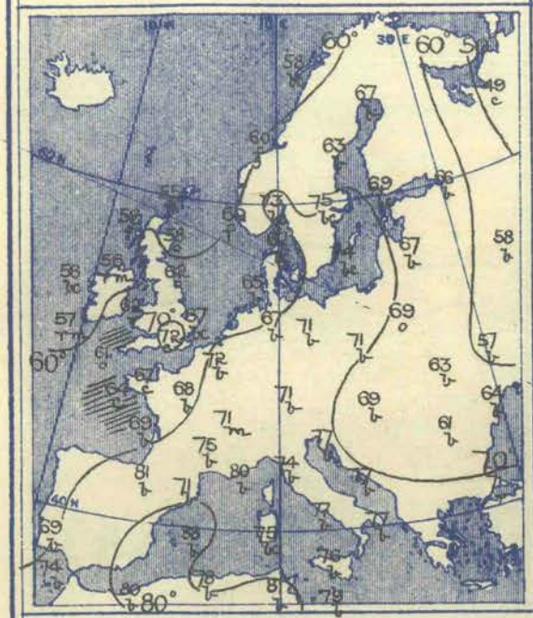
Date of Observation.	Station and its Height above M.S.L.		Heights in feet above Mean Sea Level. Ground Level.	1,660.	3,320.	5,000.	6,600.	8,320.	10,000.	Remarks.
1906. July 28th, —	Brighton, 380 ft.	Temperature F.	69°	66°						Scud at 600 ft. Detached cumulus at 1,050 ft.
		Humidity	95	60						
		Wind Velocity, m. per hr.	W, 15	W by N, 15						
July 30th, 11.8 a.m. to 12.22 p.m.	Ditcham Park, Petersfield, 400 ft.	Temperature F.	77°	68°						Two large kites. Max. height 2,500 ft. Temperature 65°, humidity 95. Wind fitful from 15 to 25 m. per hour. Cumulus clouds in N. with scud moving from E.; cirro cumulus moving from SSW.
		Humidity	63	90						
		Wind Velocity, m. per hr.	ESE	SE						
July 31st, 2.49 p.m. to 6.13 p.m.	Glossop Moor, 1,100 ft.	Temperature F.	65°	63°	55°	[47°]				Two kites. Wire 6,900 ft. Max. height 4,560 ft.
		Humidity	70	75	90	[80]				
		Wind Velocity, m. per hr.	SW	SW 15	SW 17	[SW 20]				
August 1st, 2.13 p.m. to 5.50 p.m.	Glossop Moor, 1,100 ft.	Temperature F.	64°	62°	58°	54°				Two kites. Wire 10,400 ft. Max. height 5,500 ft.
		Humidity	70	90	100	90				
		Wind Velocity, m. per hr.	SW	SW 20	SW 25	SW 22				
August 2nd, 1.31 p.m. to 3.53 p.m.	Glossop Moor, 1,100 ft.	Temperature F.	70°	66°	58°	55°				One kite. Wire 7,900 ft. Max. height 5,500 ft.
		Humidity	76	100	95	100				
		Wind Velocity, m. per hr.	S W	SW 25	SW 20	SW 26				
August 3rd, 9.55 p.m. to 12 9 p.m.	Brighton, 380 ft.	Temperature F.	67°	57°	52°					One 7 ft. kite. Wire 5,800 ft. Nimbus 1,400 ft. Upper clouds (detached cumulus) not reached.
		Humidity	74	100	60					
		Wind Velocity, m. per hr.	W by S, 25	W by S, 30	W by S, 25					
August 4th, 3.47 p.m. to 7.30 p.m.	Glossop Moor, 1,100 ft.	Temperature F.	57°				39°			Defective record clock stopped. One kite. Height probably 7,500 ft. Wire 11,000 ft. When pull on wire exceeded 160 lbs. Short lengths of wire let out at high velocity (20 miles per hour) to relieve strain. Two inch spark from wire when insulated.
		Humidity	87	—	—		?			
		Wind Velocity, m. per hr.	WNW				WSW 50			

63, Victoria Street, London, S.W.
August 8th, 1906.

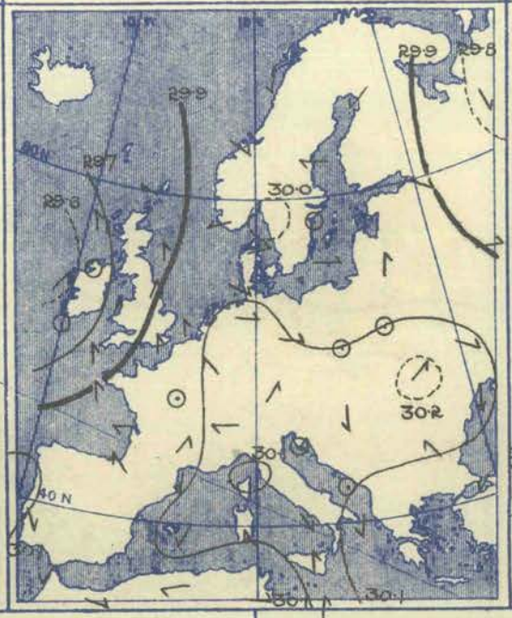
W. N. SHAW,
Director.

Thursday, 2nd August, 1906.

Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.

WEATHER at 8 a.m. cloudy to overcast over our Islands, with rain at several western stations and showers at Leith. Very fine in nearly all Continental regions, but foggy at Cape Sicié and on the west coast of Norway. Severe and very general thunderstorms over Great Britain during afternoon or evening and also in central Ireland and in the north and west of France. Rain heavy generally, especially in Wales and the west of England. Largest amounts reported, 1·85 in. at Whitchurch, Tavistock, 1·13 in. at Holyhead, 0·97 in. at Pembroke, 0·89 in. at Great Yarmouth, and 0·81 in. at Aberdeen.

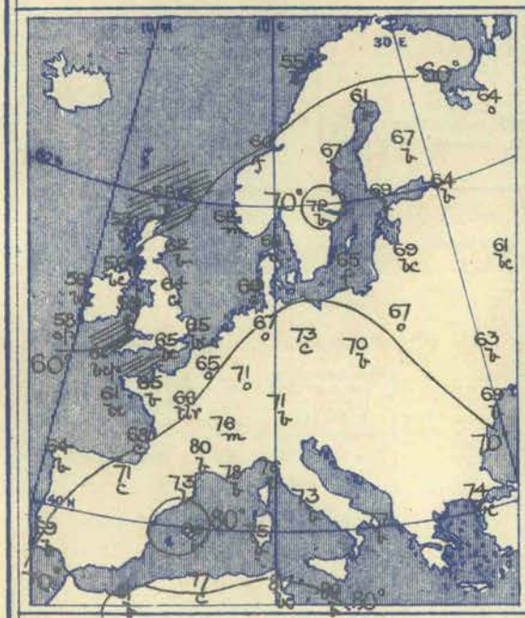
TEMPERATURE above 70° at 8 a.m. in London, the south of Scandinavia, and all over southern Europe, and as high as 80° at Nice, 87° at Barcelona, and 88° at Palma. Maxima during day, 81° at Haparanda, 83° in London, 86° at Margate and Frankfurt, 90° at Rochefort, 94° at Paris, 95° at Florence and Palma, 99° at Lyons, and 104° at Aumale. Thermometer remaining below 70° at many of our own most western and north-western stations, and only touching 58° at Wick.

WIND in morning light to moderate from the Southward over the United Kingdom, light from the South-Eastward over the Bay of Biscay and from the North-Westward in Portugal. Light and from no general direction over the Continent as a whole. No general change later, but a great increase of force in many parts of Great Britain during the prevalence of thunderstorms.

BAROMETER in morning above 30·1 ins. in a large area of irregular shape covering most of central and some of southern Europe. Below 29·6 ins. in a depression off our north-west coasts, and relatively low over the Bay of Biscay, the Gulf of Genoa, and the Skager Rack and its vicinity. North-western disturbance extending much more over our Islands during day, and that over the Bay of Biscay apparently moving north-eastwards to the Channel and the north of France. A general decrease of pressure taking place over central Europe.

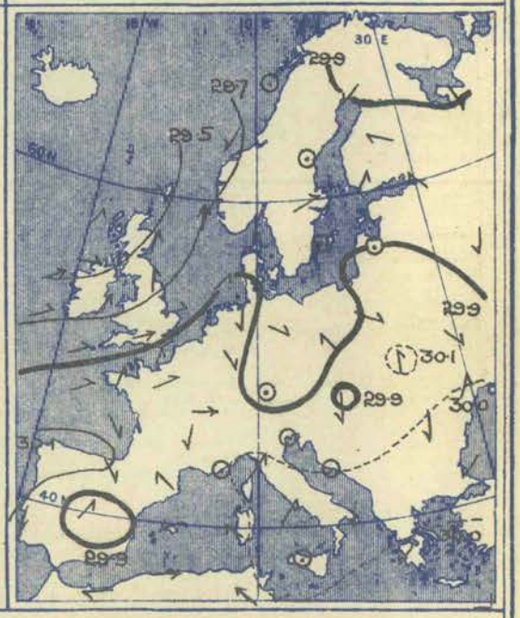
Friday, 3rd August, 1906.

Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.

Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fair or fine in most regions, but showery or rainy at some of our own southern and south-western stations, as well as at Sumburgh Head, Ulesborg, and Aix-la-Chapelle; a thunderstorm prevailing at Paris. An inch of rain falling later at Sumburgh Head and smaller amounts in most other parts of the United Kingdom. Considerable quantities falling in Germany, and at Prague and Besançon, and thunderstorms occurring at Lyons, Charleville (France), and Donaghadee.

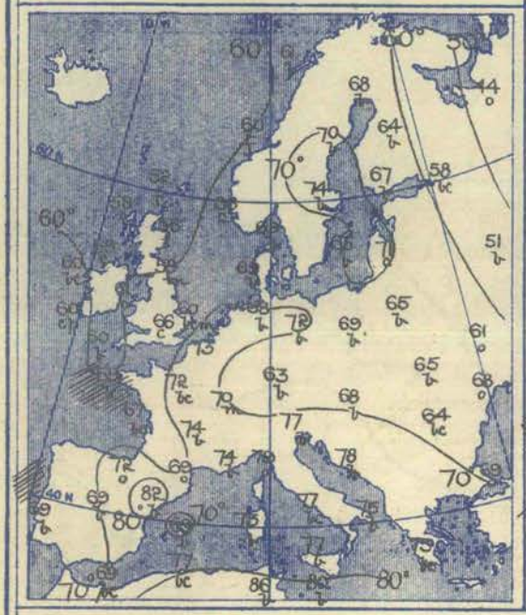
TEMPERATURE fallen in most places, but risen in Scotland and south-west of Norway. Readings in morning ranging from 90° at Palma, 80° at Malta and Lyons, 77° at Brindisi, 74° at Constantinople, 73° at Berlin, and 72° at Stockholm, to below 60° at some of our northern and western stations, and at Bodö; lowest value, 53° at Stornoway. Rising during day to 77° at Lowestoft and to above 70° in many other parts of Great Britain and the northern countries of the Continent. Maxima above 80° at Stockholm and in most parts of central and southern Europe, and above 90° in places. Highest values, 95° at Madrid and Florence and 97° at Lyons.

WIND at 8 a.m. light to fresh from the South-Westward over the United Kingdom generally, but drawing into South-East in the Shetlands and also on the west coast of Norway. Light and variable in most Continental regions. No great change later as a whole; wind becoming Westerly in the Shetlands, and force of the South-Westerly current increasing in many parts of England.

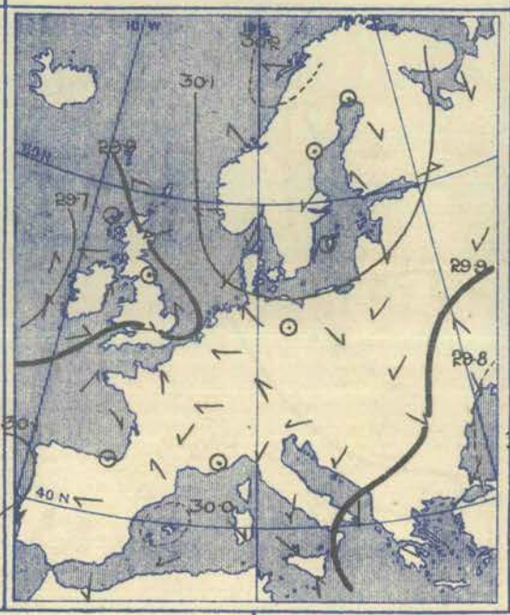
BAROMETER in morning below 29·4 ins. in a depression of considerable size, having its centre off the north-west of these Islands and below 29·8 ins. in another system over Russia. Above 30·0 ins. in most parts of southern Europe and above 30·1 ins. over the western portion of the Spanish Peninsula. Shallow secondary disturbances shown over the North Sea and Germany. Pressure increasing over the west and north-west of our Islands during day. Secondary depressions over Germany growing more pronounced.

Tuesday, 31st July, 1906.

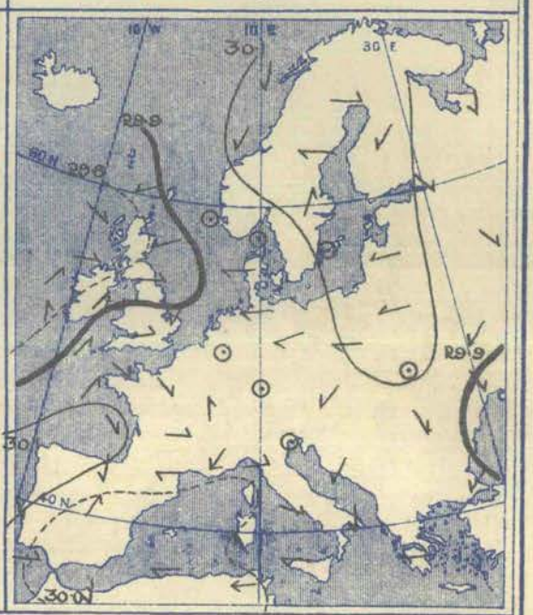
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fair or fine throughout the Continent, except at Christiansund and in the south of Russia; fog prevailing in the former region, and dull skies, with some rain, in the latter. Fair in most parts of England, but showery in the south-west of Ireland, rainy at Leith, and foggy along the east coast of Scotland and in the Shetlands. Thunderstorms later at several French stations and over the eastern half of Great Britain; about 0·8 in. of rain at Gap, 0·7 in. at Nairn and North Shields, 0·9 in. at Valencia Island, and 1·0 in. at Aberdeen.

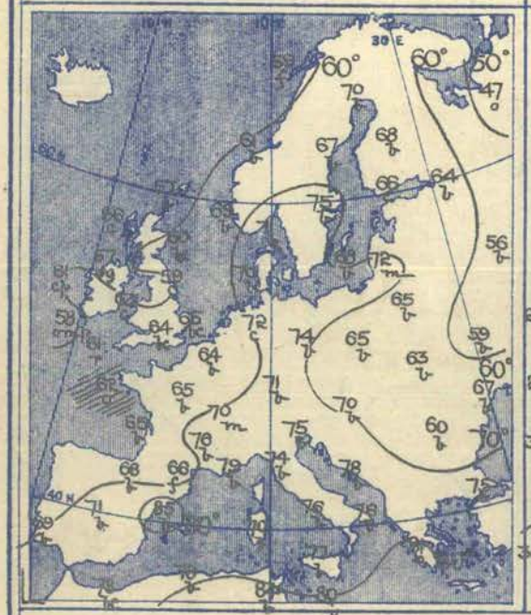
TEMPERATURE in morning showing no general change. Readings ranging from 86° at Sfax, 82° at Barcelona, and above 70° in the south as a whole and also at Stockholm and in North Germany, to 52° at Sumburgh Head, 51° at Moscow, and to 44° at Archangel. Maxima during day 100° at Aumale, 97° at Madrid, 96° at Lyons, 91° at Florence, 90° at Berlin, and to above 80° at Stockholm and many other places. Highest readings in these Islands, 79° at Skegness, Nottingham, and in London.

WIND in morning Southerly on our western coasts, South-Westerly or Westerly in the south of our Islands and the north of France, and South-Easterly to Easterly in the east and north. A feeble anticyclonic movement prevailing over northern Europe, and variable airs in most other regions. Westerly winds extending northwards to the south of Scotland by evening and increasing to a moderate breeze. Scarcely any other change.

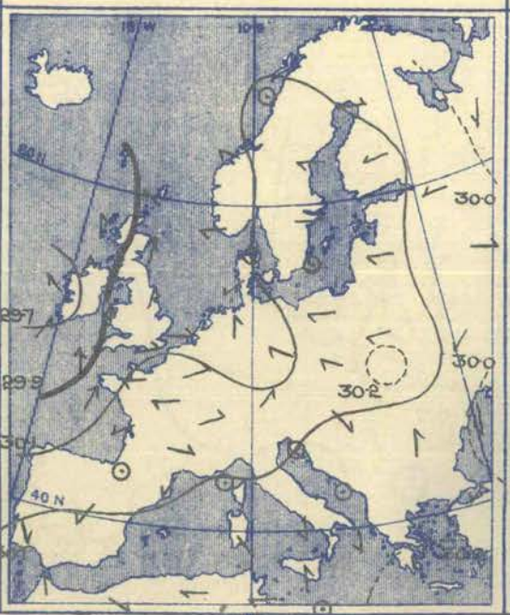
BAROMETER in morning, 30·1 ins. to above 30·2 ins. in a large anticyclone covering the whole of Scandinavia and its neighbourhood, and above 30·0 ins. in a smaller system over the Bay of Biscay and the west of the Iberian Peninsula. Below 29·8 ins. in a depression over the Black Sea, and less than 29·7 ins. in another disturbance off the west of Ireland. Relatively low in an ill-defined depression over Great Britain. Little modification occurring in the general distribution of pressure during day. Depressions over our Islands and the Atlantic travelling northwards.

Wednesday, 1st August, 1906.

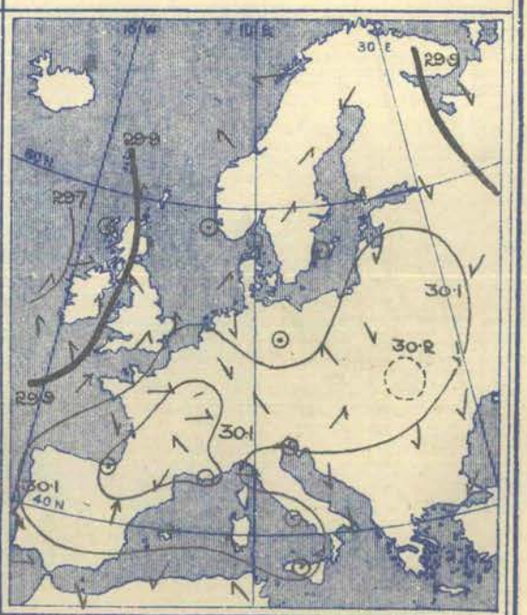
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. dull in Ireland and the south-west of England, with rain or passing showers in several places. Fair or very fine in almost all other regions. Heavy rain later in Ireland, and as much as 1·85 ins. at Pembroke during a severe thunderstorm. Slight amounts of rain in many other parts of the United Kingdom. Thunder heard at Fanö, a thunderstorm occurring in the north-east of France, and some rain at various German Stations.

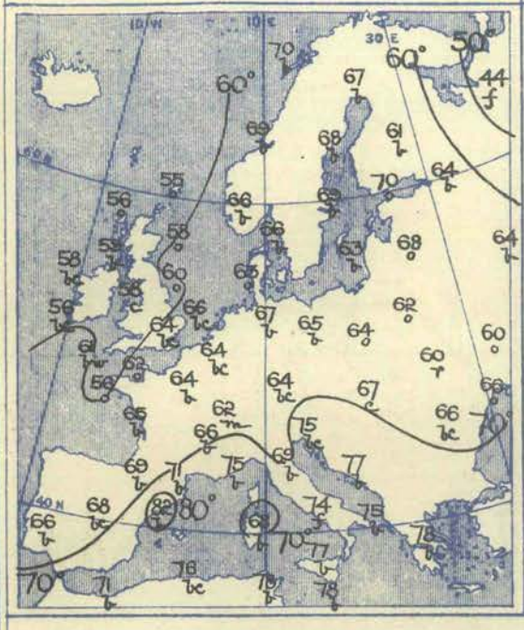
TEMPERATURE changed rather irregularly, but fallen in most regions. Readings in morning, 70° or above over southern and a considerable portion of central and northern Europe. Highest values, 85° at Barcelona, 84° at Sfax and 81° at Patras. Below 60° at several of our own western and extreme northern stations, and as low as 47° at Archangel. Rising later to above 70° in many parts of Great Britain and to above 80° in most Continental regions, including Haparanda. Highest maxima, 91° at Berlin, 94° at Florence, 96° at Lyons and Toulouse, and 102° at Aumale.

WIND at 8 a.m. moderate from the Southward in Ireland and light from between South and West over Great Britain. A very feeble cyclonic circulation prevailing over Germany, but light variable airs shown over the Continent generally. Not much change during day, but a very light and somewhat irregular cyclonic movement setting in over France and wind becoming more Southerly over England.

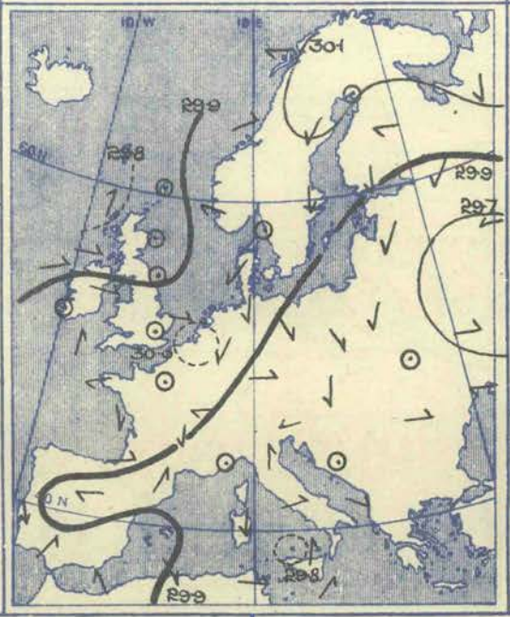
BAROMETER in morning above 30·1 ins. in a large irregularly shaped band extending from the Spanish Peninsula across central Europe to the north of Scandinavia. Relatively low over Germany and both in the extreme north-east and south-east of our area, and as low as 29·7 ins. and less in a depression off the west of Ireland. Western depression travelling northwards later, but a slight fall of the barometer over France producing a shallow depression within the anticyclonic band.

Sunday, 29th July, 1906.

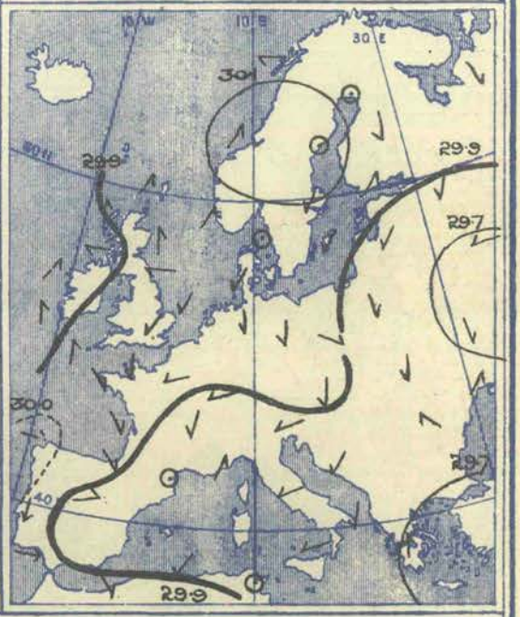
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine and bright in most regions, but overcast in several parts of Great Britain, Brittany, and Poland, with rain at some stations. A cold fog prevailing at Archangel. No general change later, but slight rain falling in London.

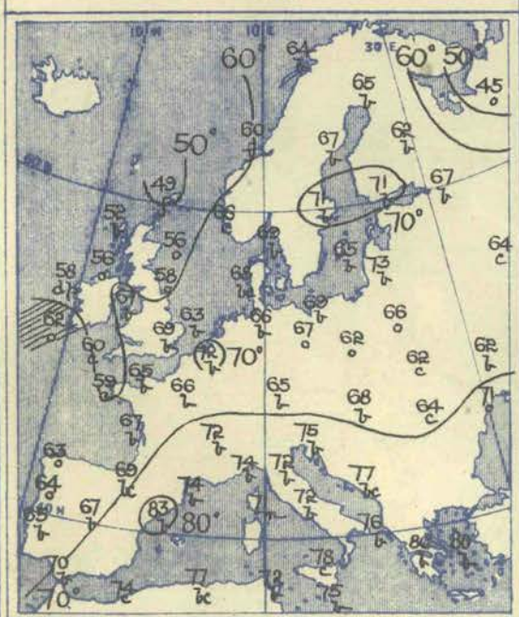
TEMPERATURE in morning, above 70° at nearly all the southern stations, and a little above 80° at Palma and Barcelona. As high as 70° at Bodö and Hangö and 69° at Christiansund. Below 60° over our own western and northern districts and no higher than 44° at Archangel. Maxima during day, above 70° in various parts of these Islands, 86° at Haparanda, and above 80 in most parts of southern and central Europe. Highest readings, 91° at Athens, 92° at Sfax, and 97° at Madrid.

WIND in morning light and rather variable over the greater part of our area; a feeble but extensive cyclonic circulation prevailing over Russia and an anticyclonic movement over Scandinavia. No general change occurring during day.

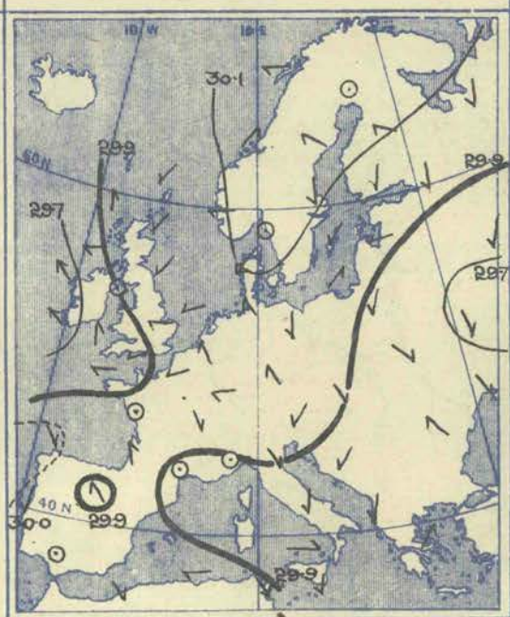
BAROMETER at 8 a.m. above 30·0 ins. in the extreme north of our area and relatively low both in the north-west and east; less than 29·8 ins. off the north-west of Scotland, and below 29·7 ins. in a large shallow depression over the southern half of Russia. Some very shallow and ill-defined disturbances shown over England. Scarcely any modification taking taking place later, but a fresh fall setting in in the west of Ireland.

Monday, 30th July, 1906.

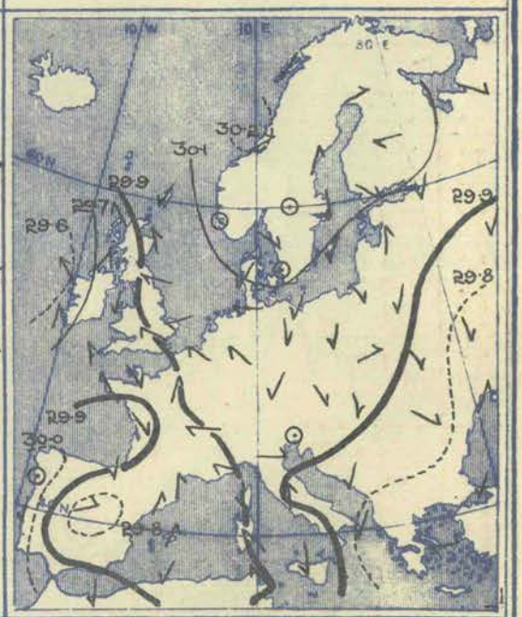
Temperature and Weather 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. overcast in most parts of Ireland, with showers at Blacksod Point, and foggy at Sumburgh Head and Christiansund; very fine over our area as a whole, but dull in the north-west of Spain and at some Polish stations. Rain falling in a few parts of central Europe later and in the north and west of these Islands. A thunderstorm occurring at Nottingham at night.

TEMPERATURE changed little and rather irregularly. Readings in morning, 83° at Barcelona, 82° at Sfax, 80° in Greece, and above 70° in the south generally, as well as at some stations on the shores of the Baltic and Gulf of Finland. Below 60° in most parts of Ireland and Scotland and as low as 49° at Sumburgh Head. Lowest reading, 45° at Archangel. Rising during day to 99° at Sfax, 95° at Madrid, 93° at Lyons, and about 90° in several other southern regions. Maxima above 80° in central Europe and at some English stations, and also at Stockholm.

WIND at 8 a.m. strong from South-East on the west coast of Ireland and light or moderate from East or South-East over our Islands as a whole. Easterly in Brittany and North-Westerly and Westerly in the north and west of Spain. A large anticyclonic movement shown over northern Europe, a feeble cyclonic circulation over Russia, and light variable airs over the Mediterranean. Wind shifting to the North-Westward in the west of France by evening and also at Jersey. No general change taking place.

BAROMETER in morning above 30·1 ins. in a large anticyclone covering Scandinavia and Denmark and nearly as high in the north-west of Spain. Below 29·7 ins. in a depression centred off the west of Ireland and also in another system over the southern half of Russia. Relatively low in a large area over the Mediterranean and in a smaller one over central Spain. Irish depression travelling northwards during day and that in Russia moving southwards. A shallow thunderstorm disturbance appearing over the English Channel from France.

II.—DATA from which the SUMMARY on page 181 has been calculated.

July 29-August 4, 1906. Districts.	Names of Stations.	Temperature. In Degrees Fahrenheit. Highest observed.	Lowest observed.	Averages for the Week. Of Highest each day.	Of Lowest each day.	For whole of each day.	Difference of Daily Average from Mean for the Week.	Accumulated Heat for the Week (in Day-degrees). Above 42°	Below 42°	Rainfall. Number of Rain-Days.	Rainfall in the Week.	Difference from the Mean for the Week.	Bright Sunshine. Number of Hours recorded.	Difference from the Mean for the Week.	Percentage of possible duration.	Difference from the Mean for the Week.
		°	°	°	°	°	°	Day-deg	Day-deg		Inches.	Inches.	Hrs.	Hrs.	%	%
0. SCOTLAND, N.	†Sumburgh Head (Deerness)	60	45	58·3	49·3	53·5	+ 0·9	81	0	5	1·78	+ 1·15	39·1	+ 9·9	34	+ 9
	Wick	68	49	62·1	50·6	56·0	+ 1·1	98	0	4	1·14	+ 0·52	*	*	*	*
	†Lairg (Strathpeffer)	72	42	68·3	48·8	58·0	+ 3·2	112	0	6	0·84	+ 0·16	35·0	+ 6·7	31	+ 6
	Stornoway	73	47	65·3	51·4	57·9	+ 3·3	111	0	6	1·10	+ 0·33	34·9	+ 3·6	31	+ 3
	Glencarron	70	46	66·0	51·4	58·3	+ 3·7	114	0	5	2·71	+ 1·26	*	*	*	*
	Fort Augustus	71	46	66·9	51·6	58·8	+ 2·3	118	0	6	1·06	+ 0·31	21·0	- 0·4	19	0
	Fort William	72	46	66·0	51·5	58·3	+ 1·4	114	0	6	2·72	+ 1·45	*	*	*	*
1. SCOTLAND, E.	Nairn	74	45	69·4	51·1	59·7	+ 3·1	124	0	5	1·11	+ 0·49	*	*	*	*
	Aberdeen	71	47	65·4	52·4	58·5	+ 2·0	116	0	5	2·07	+ 1·40	34·2	- 1·2	31	- 1
	†Balmoral (Crathes)	69	39	65·9	48·1	56·5	+ 2·6	102	0	4	0·86	+ 0·14	34·9	—	31	—
	†Clathick (Balruddery)	71	45	69·5	52·0	60·2	+ 2·5	127	0	6	2·56	+ 1·75	25·9	—	23	—
	†Leith (Edinburgh)	72	50	68·3	53·7	60·6	+ 2·1	130	0	6	1·27	+ 0·63	27·2	- 5·5	25	- 5
	Marchmont	71	48	66·9	51·3	58·6	+ 2·3	116	0	6	1·73	+ 0·93	37·4	+ 1·5	34	+ 1
2. ENGLAND, N.E. — Northern part.	†Alnwick Castle (Cockle Park)	77	44	69·0	52·0	60·0	+ 2·7	126	0	4	2·14	+ 1·47	42·2	—	38	—
	†Shields (Newcastle)	75	52	67·9	54·3	60·7	+ 3·0	131	0	4	0·78	+ 0·15	31·8	+ 0·3	29	0
	Durham	75	48	69·6	53·7	61·2	+ 2·7	134	0	4	1·13	+ 0·49	34·4	- 1·3	31	- 1
	Scarborough	79	54	72·6	57·1	64·4	+ 5·7	157	0	4	0·19	- 0·43	51·7	—	47	—
	York	80	54	74·8	56·8	65·3	+ 5·7	163	0	5	0·54	- 0·06	47·0	+ 9·9	43	+ 9
Southern part.	†Spurn Head (Saltburn)	78	56	71·0	59·4	64·9	+ 5·2	160	0	3	0·38	- 0·07	59·6	—	55	—
	†Lincoln (Skegness)	82	53	75·8	56·6	65·6	+ 5·1	165	0	3	0·25	- 0·31	56·2	—	52	—
	†Fulbeck (Rauceby)	81	51	75·0	56·7	65·3	+ 4·9	163	0	5	0·37	- 0·19	58·1	—	54	—
	(Cromer)												60·9	—	56	—
3. ENGLAND, E. — Northern part.	Hillington	85	48	76·6	56·9	66·2	+ 5·8	169	0	4	0·41	- 0·24	53·6	+ 10·6	50	+ 10
	†Yarmouth (Lowestoft)	76	56	72·6	60·0	65·9	+ 5·6	167	0	3	1·09	+ 0·52	*	*	*	*
	Geldeston	83	53	77·3	56·2	66·1	+ 5·7	169	0	3	0·61	+ 0·07	67·1	+ 21·3	63	+ 20
	(Dunmow)												66·5	—	62	—
Southern part.	Cambridge	82	48	76·4	56·1	65·6	+ 4·2	165	0	3	0·32	- 0·23	58·6	+ 13·7	55	+ 13
	Felixstowe	79	55	74·1	58·9	66·0	+ 4·3	168	0	3	0·09	—	77·8	—	73	—
	Clacton-on-Sea	79	54	74·0	60·0	66·6	+ 4·6	172	0	2	0·05	—	77·6	—	73	—
	Rothamsted	81	46	75·1	55·1	64·5	+ 4·4	158	0	4	0·08	- 0·49	64·2	+ 18·2	60	+ 17
	†Shoeburyness (Southend)	81	56	76·0	59·9	67·5	+ 4·8	179	0	1	0·02	- 0·38	78·5	—	74	—
	London, Westminster	83	55	76·4	59·6	67·5	+ 5·1	179	0	2	0·31	- 0·24	68·3	+ 29·1	64	+ 28
4. MIDLAND COUNTIES. — Eastern part.	Harrogate	74	50	70·3	54·3	61·8	+ 4·1	139	0	4	0·75	+ 0·11	39·6	—	36	—
	†Bawtry (Worksop)	84	46	77·0	56·1	65·9	+ 6·2	167	0	3	0·19	- 0·37	36·8	+ 1·4	34	+ 1
	Nottingham	82	53	76·1	55·9	65·4	+ 5·1	164	0	4	0·15	- 0·43	52·6	—	49	—
	†Colly Weston (Oundle)	82	51	76·4	55·1	65·1	+ 4·0	162	0	4	0·53	- 0·02	*	*	*	*
	Birmingham, Edgbaston	78	52	71·8	56·0	63·4	+ 3·9	150	0	2	0·08	- 0·55	45·2	—	42	—
	Oxford	81	53	74·3	56·6	64·9	+ 4·0	160	0	4	0·37	- 0·17	59·7	+ 15·8	56	+ 15
Western part.	†Cheadle (Sheffield)	77	51	70·6	54·8	62·2	+ 4·4	141	0	4	0·35	- 0·41	48·4	—	45	—
	Shrewsbury	80	49	72·9	54·1	62·9	+ 3·1	146	0	2	0·26	—	*	*	*	*
	Hereford	80	48	71·8	53·4	62·1	+ 1·9	141	0	1	0·24	- 0·31	*	*	*	*
	Cirencester	80	48	72·4	53·6	62·4	+ 3·3	143	0	4	0·44	- 0·23	55·6	+ 12·5	52	+ 12
	Bath	80	51	71·9	55·4	63·2	+ 2·3	148	0	4	0·49	- 0·14	52·9	—	50	—
	(Margate)												75·7	+ 30·8	71	+ 2
5. ENGLAND, S.	Kew	83	53	76·4	58·2	66·8	+ 5·4	174	0	2	0·18	- 0·37	69·4	+ 24·7	66	+ 23
	Wisley, Surrey	83	50	77·3	56·4	66·2	+ 3·9	169	0	2	0·45	—	70·1	—	66	—
	†Swarraton (Ventnor)	82	48	74·2	54·3	63·7	+ 4·3	152	0	2	0·14	- 0·51	70·7	+ 22·6	67	+ 21
	Tunbridge Wells	83	52	76·2	55·9	65·4	+ 5·0	164	0	4	0·14	- 0·41	79·2	+ 33·3	75	+ 31
	†Dungeness (Littlestone)	80	52	69·6	58·0	63·5	+ 2·0	151	0	4	0·17	- 0·24	76·3	—	72	—
	Hastings	80	54	74·0	57·5	65·3	+ 3·8	163	0	3	0·11	- 0·42	76·6	+ 25·5	72	+ 24
	Southampton	80	55	74·8	57·7	65·7	+ 3·3	166		2	0·09	- 0·51	58·9	+ 10·1	56	+ 10
	†Portland Bill (Worthing)	65	56	63·9	58·1	60·8	- 0·8	132	0	4	0·14	—	77·2	—	73	—
	(Eastbourne)												80·4	+ 30·0	76	+ 28
6. SCOTLAND, W.	†Laudale, (Oban)	72	48	67·5	52·6	59·6	+ 2·6	123	0	6	2·00	+ 0·74	30·6	—	28	—
	Glasgow	70	52	64·7	55·2	59·7	+ 2·7	124	0	5	1·11	+ 0·26	25·8	- 5·2	23	- 5
	Dumfries	76	47	71·1	54·9	62·5	+ 3·9	144	0	6	2·30	+ 1·47	*	*	*	*
	Cally	70	46	68·0	51·6	59·3	+ 2·4	121	0	5	0·99	+ 0·04	*	*	*	*
	Douglas, Isle of Man	70	47	63·8	52·7	57·9	+ 0·6	111	0	5	1·07	+ 0·23	38·4	- 3·6	35	- 3
7. ENGLAND, N.W.	Aspatria	74	50	68·2	53·5	60·4	+ 2·2	129	0	5	2·28	+ 1·33	43·4	—	40	—
	Newton Rigg	72	48	67·8	52·2	59·5	+ 2·7	123	0	4	0·92	+ 0·10	37·0	0·0	34	0
	Stonyhurst	73	52	68·8	55·7	61·9	+ 3·7	139	0	4	0·54	- 0·53	37·0	- 0·1	34	0
	Blackpool	76	51	68·7	55·6	61·8	+ 2·5	139	0	4	1·09	+ 0·33	44·8	+ 5·2	41	+ 5
	Manchester, Prestwich	77	50	72·3	54·7	63·0	+ 4·2	147	0	2	0·26	- 0·58	42·7	+ 8·9	40	+ 8
	†Liverpool Obs. (Hoylake)	76	54	70·4	56·0	62·8	+ 3·1	146	0	5	0·48	- 0·20	45·1	—	42	—
	†Hawarden Bridge (Southport)	79	50	72·5	55·7	63·6	+ 3·2	151	0	3	0·24	- 0·38	42·3	—	39	—
NORTH WALES	Llandudno	78	53	69·8	55·7	62·3	+ 2·2	142	0	2	1·89	+ 1·25	45·2	+ 5·5	42	+ 5
	†Holyhead (Aberdovey)	69	54	64·9	56·0	60·2	+ 1·5	127	0	4	1·84	+ 1·18	44·1	—	41	—
	Bettws-y-Coed	78	48	70·6	53·0	61·3	+ 1·4	135	0	5	3·12	—	40·7	—	38	—
SOUTH WALES	Llangammarch Wells	72	41	67·5	49·0	57·7	- 1·0	110	0	5	0·99	—	43·5	—	41	—
	Pembroke	64	53	62·6	55·9	59·1	+ 0·2	120	0	4	2·99	+ 2·34	49·9	+ 4·9	47	+ 5
	†Cardiff (Aberystwyth)	79	48	70·2	54·1	61·7	+ 0·7	138	0	6	0·91	- 0·01	44·5	—	42	—
8. ENGLAND, S.W.	†Clifton (Torquay)	80	55	70·8	57·1	63·5	+ 2·0	151	0	3	1·16	+ 0·41	50·2	+ 1·4	47	+ 1
	†Shaftesbury (Marlborough)	75	52	69·0	54·8	61·5	+ 2·2	137	0	3	0·43	- 0·24	46·9	+ 5·3	44	+ 5
	†Arlington (Newquay)	74	47	67·6	53·1	59·9	+ 1·5	125	0	6	1·22	+ 0·19	53·2	+ 6·0	50	+ 6
	Cullompton	78	47	72·5	52·6	62·0	+ 1·5	140	0	5	0·57	- 0·10	44·1	+ 2·4	42	+ 2
	Plymouth	71	51	66·3	56·7	61·2	+ 0·1	134	0	4	1·28	+ 0·62	43·6	- 2·4	42	- 2
	Falmouth	70	54	66·8	56·8	61·5	+ 1·4	137	0	6	1·20	+ 0·46	51·2	+ 1·3	49	+ 1
9 IRELAND, N. — Western part.	Malin Head	70	50	65·0	51·3	57·7	+ 0·6	110	0	5	0·94	+ 0·22	*	*	*	*
	Edenfel	70	43	65·7	51·4	58·1	+ 1·5	113	0	6	1·62	+ 0·76	*	*	*	*
	Blacksod Point	64	53	63·0	55·0	58·8	+ 1·0	118	0	7	0·57	- 0·31	*	*	*	*
	Markree Castle	68	44	66·2	51·5	58·4	+ 1·5	115	0	6	1·22	+ 0·35	32·0	+ 2·9	30	+ 3
Eastern part.	Armagh	70	48	67·7	53·2	60·0	+ 2·4	126	0	5	1·43	+ 0·67	33·9	+ 3·2	31	+ 3
	Donaghadee	68	50	63·1	52·9	57·7	+ 0·5	110	0	5	0·30	- 0·42	*	*	*	*
10. IRELAND, S. — Eastern part.	†Dublin, City (Phœnix Park)	73	53	69·0	56·3	62·3	+ 2·6	142	0	4	0·46	- 0·20	45·2	+ 7·8	42	+ 7
	Kilkenny	70	48	67·1	53·4	59·8	+ 0·8	125	0	4	0·82	+ 0·10	*	*	*	*
	Waterford	69	48	66·1	54·0	59·7	+ 0·4	124	0	5	1·68	+ 0·89	*	*	*	*
Western part.	Birr Castle	74	47	68·3	53·0	60·2	+ 1·8	127	0	5	2·24	+ 1·45	39·8	+ 8·1	37	+ 8
	Foynes	68	49	66·0	53·6	59·4	+ 1·3	122	0	7	1·24	+ 0·44	*	*	*	*
	Killarney	70	48	66·4	54·0	59·8	+ 1·0	125	0	7	1·96	+ 1·05	*	*	*	*
	Valencia	66	50	64·1	54·6	59·1	+ 0·1	120	0	7	2·37	+ 1·36	36·4	+ 1·8	34	+ 2
	†Roches Point (Ballinacurra)	66	47	63·9	55·3	59·3	- 0·1	121	0	6	1·11	+ 0·29	47·5	—	45	—
11. ENGLISH CHANNEL	Scilly, St. Mary's	67	57	65·9	58·3	61·9	+ 1·2	139	0	6	0·92	+ 0·36	57·2	+ 6·9	55	+ 6
	†Jersey, St. Aubins (St. Heliers)	83	52	71·7	58·0	64·4	+ 1·7	157	0	2	0·02	- 0·52	66·5	+ 10·9	63	+ 10
	Guernsey	75	57	69·7	57·8	63·4	+ 2·0	150	0	2	0·06	- 0·50	65·2	+ 8·8	62	+ 8

Information for Stations marked ℳ is supplied by the Royal Meteorological Society, and that for Stations marked 𝒮 is supplied by the Scottish Meteorological Society.
* An Asterisk is inserted in all places for which the information is not usually given.
† There is no Sunshine Recorder in use at this Station. The figures entered for Sunshine are those recorded at a Station in the same district of which the name is given in brackets.
‡ Dew.

Additional Sunshine Totals for the week: Ramsgate, 78·4 hrs., 74 %; Brighton, 77·0 hrs. (+ 26·0), 73 % (+ 25 %); Bournemouth, 63·6 hrs., 60 %; Bognor, 77·3 hrs., 73 %; Rhyl, 46·9 hrs., 43 %; Tenby, 46·9 hrs. (+ 1·3) 44 % (+ 1 %).

WEEKLY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE,

AND PUBLISHED FOR H.M. STATIONERY OFFICE BY WYMAN AND SONS, LTD., FETTER LANE, E.C., AND 32, ABINGDON STREET, WESTMINSTER, S.W.; OR OLIVER AND BOYD, EDINBURGH; OR E. PONSONBY, 116, GRAFTON STREET, DUBLIN.

TWENTY-NINTH YEAR. *Vol. XXIII. (New Series.)* } No. 31. THIRTY-FIRST WEEK, ENDING SATURDAY, AUGUST 4TH, 1906.

[*Price 6d.* *Annual Subscription post paid* £1 10s. 0d.

I.—GENERAL REMARKS.

Weather was mostly fine and dry except in the western and northern districts, where falls of rain were rather common. Thunderstorms were, however, rather general on Tuesday and very general and severe on Thursday evening, especially over Great Britain, where the lightning was unusually brilliant and frequent. Further thunderstorms were experienced in various parts of the Kingdom on Friday, and again in the east and north-east on Saturday. The rain was very heavy in places, and in some localities was accompanied by hail.

Temperature was above the mean, the excess ranging from about 1° in Ireland and England S.W. to nearly 5° in England E. The highest of the maxima varied in the date of occurrence and ranged from 85° in England E. and 84° in the Midland Counties to 73° in Scotland N. and to 70° in Ireland N. The lowest of the minima, which were also recorded on irregular dates, ranged from 39° in Scotland E. and 41° in England S.W. to 48° in England S. and N.W. and to 52° in the Channel Islands.

Rainfall exceeded the average excepting in eastern, central, and southern England, and in the Channel Islands. The principal falls due to the thunderstorms were about 2·8 ins. at Pembroke and Bettws-y-Coed during those of Wednesday and Thursday, 1·70 in. at Alnwick Castle between 9 a.m. and 2 p.m. on Thursday, 1·85 in. at Tavistock, 1·76 in. at Aspatria, and 1·37 in. at Llandudno.

Bright Sunshine was in excess of the average except in Scotland E. and W. The percentage of the possible duration ranged from 67 in England S., 62 in England E., and 60 in the Channel Islands to 29 in Scotland.

Barometer and Wind.—During the greater part of the period the barometer was relatively high over Scandinavia, whence an anticyclonic band sometimes stretched to France and the Bay of Biscay. Depressions on the Atlantic extended somewhat over our Islands from time to time as they moved away in a northerly direction, and shallow thunderstorm disturbances either formed over the United Kingdom or came up from France. The general wind current, which had little force, was South-Westerly to Westerly in the southern counties and South-Easterly to Easterly in the north. By the end of the week pressure had given way in Scandinavia, while the anticyclone over the Bay of Biscay and France had become accentuated.

SUMMARY OF TEMPERATURE, RAINFALL, AND DURATION OF BRIGHT SUNSHINE IN THE UNITED KINGDOM, FOR AGRICULTURAL AND SANITARY PURPOSES.

THE WEEK (31st)—July 29th to August 4th, 1906.

DISTRICTS. (See p. 182.)	Temperature. Highest.	Lowest.	Means of Daily Max.	Daily Min.	Daily Mean.	Difference from Av. (35 Yrs.)	Accumulated. Number of Day-Degrees. Above 42°	Difference from Av. (25 Yrs.)	Below 42°	Difference from Av. (25 Yrs.)	Rainfall. Number of Rain-Days.	Diff. from Av. (35 Yrs.)	Total Fall.	Difference from Average (35 Yrs.)	Sunshine. Hours recorded.	Diff. from Av. (25 Yrs.)	Percentage of Possible Duration	Diff. from Av. (25 Yrs.)
	°	°	°	°	°	°	Day-deg.	Day-deg.	Day-deg	Day-deg.			Inches.	Inches.			%	%
0. SCOTLAND, NORTH ..	73	42	64·7	50·7	57·3	+ 2·3	107	+ 18	0	0	5	+ 1	1·62	+0·74	33	+ 5	29	+ 4
Eastern 1. SCOTLAND, EAST ..	74	39	67·6	51·4	59·0	+ 2·4	119	+ 15	0	0	5	+ 1	1·60	+0·89	32	- 2	29	- 2
Eastern 2. ENGLAND, N.E. ..	82	44	72·0	55·8	63·4	+ 4·4	150	+ 33	0	0	4	+ 1	0·72	+0·13	50	+ 4	46	+ 4
Eastern 3. ENGLAND, EAST ..	85	46	75·4	58·1	66·2	+ 4·9	169	+ 39	0	0	3	0	0·33	-0·22	66	+ 19	62	+17
Eastern 4. MIDLAND COUNTIES	84	46	73·2	55·0	63·6	+ 3·8	151	+ 26	0	0	3	- 1	0·35	-0·26	49	+ 10	46	+ 9
Eastern 5. ENGLAND, SOUTH ..	83	48	73·3	57·0	64·7	+ 3·4	159	+ 22	0	0	3	0	0·18	-0·37	71	+ 22	67	+21
Western 6. SCOTLAND, WEST ..	76	46	67·0	53·4	59·8	+ 2·4	125	+ 19	0	0	5	+ 1	1·49	+0·55	32	- 4	29	- 4
Western 7. ENGLAND, N.W. ..	79	48	69·4	54·8	61·7	+ 2·7	138	+ 20	0	0	4	0	1·27	+0·49	42	+ 4	39	+ 4
Western 8. ENGLAND, S.W. ..	80	41	68·1	54·5	60·9	+ 1·0	132	+ 6	0	0	5	+ 1	1·19	+0·43	47	+ 2	44	+ 2
Western 9. IRELAND, NORTH ..	70	43	65·1	52·6	58·5	+ 1·3	116	+ 7	0	0	6	+ 1	1·01	+0·21	33	+ 3	30	+ 3
Western 10. IRELAND, SOUTH ..	74	47	66·4	54·3	60·0	+ 1·0	126	+ 6	0	0	6	+ 2	1·49	+0·67	42	+ 6	39	+ 6
11. CHANNEL ISLANDS..	83	52	69·1	58·0	63·2	+ 1·6	148	+ 10	0	0	3	0	0·33	-0·22	63	+ 9	60	+ 9

THE SEASON (**Summer**).—Aggregates, &c., for the Period of 9 Weeks, June 3rd to August 4th, 1906.

0. SCOTLAND NORTH ..	78	33	*	*	*	*	741	+ 22	0	- 4	35	- 1	7·31	+0·75	327	+ 32	30	+ 3
Eastern 1. SCOTLAND, EAST ..	82	33	*	*	*	*	880	+ 35	0	- 2	31	- 1	3·81	-1·65	379	+ 35	35	+ 3
Eastern 2. ENGLAND, N.E. ..	82	34	*	*	*	*	1046	+103	0	- 1	21	- 7	2·72	-2·00	440	+ 63	42	+ 6
Eastern 3. ENGLAND, EAST ..	85	33	*	*	*	*	1112	+ 47	0	- 1	17	- 9	3·11	-1·56	524	+108	52	+11
Eastern 4. MIDLAND COUNTIES	84	33	*	*	*	*	1074	+ 34	0	- 1	21	- 7	3·30	-1·84	443	+ 84	43	+ 8
Eastern 5. ENGLAND, SOUTH ..	83	34	*	*	*	*	1093	- 33	0	0	17	- 9	2·63	-1·90	545	+117	54	+12
Western 6. SCOTLAND, WEST ..	83	40	*	*	*	*	910	+ 28	0	- 1	32	- 1	5·87	-1·32	414	+ 43	39	+ 4
Western 7. ENGLAND, N.W. ..	79	38	*	*	*	*	1007	+ 31	0	0	28	- 2	4·16	-1·71	435	+ 56	42	+ 6
Western 8. ENGLAND, S.W. ..	80	34	*	*	*	*	1025	- 8	0	0	27	- 2	4·63	-1·24	435	+ 24	43	+ 2
Western 9. IRELAND, NORTH ..	78	36	*	*	*	*	883	- 24	0	0	35	- 2	4·55	-1·53	343	+ 28	33	+ 3
Western 10. IRELAND, SOUTH ..	79	36	*	*	*	*	1048	+ 48	0	0	38	+ 5	5·75	-0·43	365	+ 10	36	+ 1
11. CHANNEL ISLANDS..	83	44	*	*	*	*	1126	+ 8	0	0	19	- 9	2·08	-2·48	520	+ 19	53	+ 2

THE YEAR.—Aggregates, &c., for the period of 31 Weeks, December 31st, 1905, to August 4th, 1906.

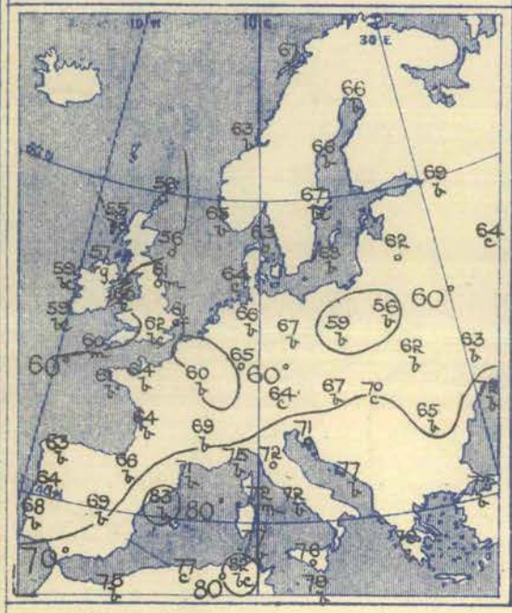
0. SCOTLAND, NORTH ..	78	8	*	*	*	*	1043	-110	646	+ 87	153	+22	32·21	+6·28	799	+ 8	28	0
Eastern 1. SCOTLAND, EAST ..	82	11	*	*	*	*	1311	- 55	624	+ 20	124	+13	17·85	+1·01	985	+ 83	34	+ 3
Eastern 2. ENGLAND, N.E. ..	82	18	*	*	*	*	1613	+133	464	- 22	108	+ 6	11·99	-1·56	1082	+ 87	38	+ 3
Eastern 3. ENGLAND, EAST ..	85	23	*	*	*	*	1767	+ 25	413	-119	99	- 1	12·63	-0·43	1199	+166	42	+ 6
Eastern 4. MIDLAND COUNTIES	84	18	*	*	*	*	1747	+ 9	486	- 56	106	+ 5	13·51	-1·57	1032	+114	36	+ 4
Eastern 5. ENGLAND, SOUTH ..	83	20	*	*	*	*	1807	- 67	351	- 39	104	+ 5	14·76	+0·26	1252	+187	44	+ 7
Western 6. SCOTLAND, WEST ..	83	14	*	*	*	*	1428	- 19	419	- 2	128	+10	27·40	+1·91	989	+ 55	34	+ 2
Western 7. ENGLAND, N.W. ..	79	16	*	*	*	*	1563	- 41	379	- 13	120	+12	20·47	+2·86	1000	+ 69	35	+ 2
Western 8. ENGLAND, S.W. ..	80	19	*	*	*	*	1721	- 59	327	+ 31	121	+15	23·91	+3·71	1113	+ 94	39	+ 3
Western 9. IRELAND, NORTH ..	78	20	*	*	*	*	1410	-153	355	+ 1	154	+22	22·04	+2·35	884	+ 16	31	+ 1
Western 10. IRELAND, SOUTH ..	79	24	*	*	*	*	1800	- 13	264	0	142	+23	21·75	-0·47	979	- 15	34	- 1
11. CHANNEL ISLANDS..	83	27	*	*	*	*	1968	- 69	79	- 35	119	+ 7	15·73	-1·43	1279	+ 33	45	+ 1

Bright Sunshine.—For certain of the Districts the values of Bright Sunshine in this Table are based on the records from a part only of the Stations included in the Tables under II. and IV. For certain of the Stations Mean Values are not available, and for the Districts containing these Stations the "Difference from Average" is based on the records from a smaller number of Stations than those supplying the values for "Hours Recorded."

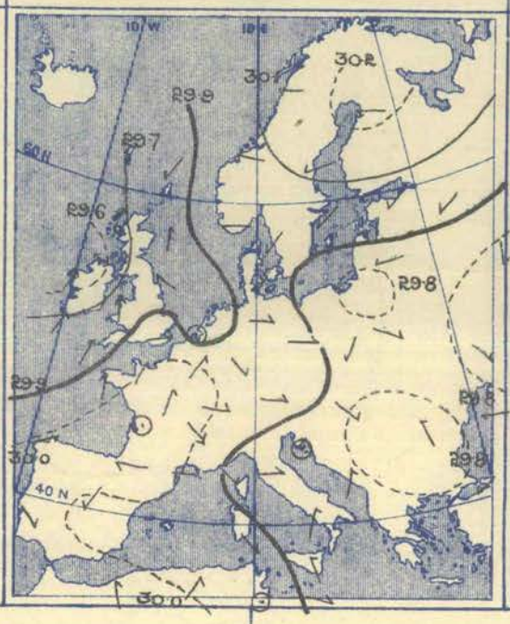
5100 370 Wy. & S. Ltd. 8 | 06

Saturday, 28th July, 1906.

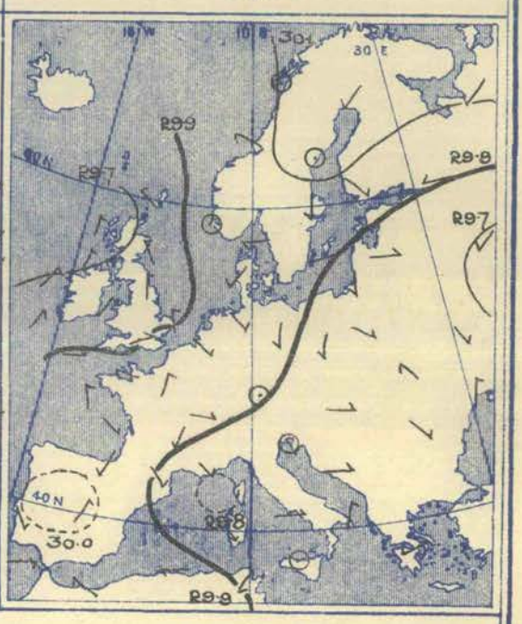
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



6 p.m.



WEATHER at 8 a.m. fair to very fine generally, but cloudy or dull at some of our own western stations, with passing showers at Pembroke and steady rain at Donaghadee. Slight rain falling later in almost all parts of the United Kingdom and larger quantities in Brittany and at some stations in the north of Italy.

TEMPERATURE risen over Scandinavia, changed little elsewhere. Readings in morning only slightly less than 70° in the extreme north of Europe, below 60° in the west and north of our Islands and at some stations in central France, and above 70° over the Mediterranean region. Highest values, 83° at Barcelona and 82° at La Calle; lowest, 55° at Stornoway and Limoges. Thermometer rising to 95° later at Madrid, to about 90° at a few other southern stations, and to as high as 84° at Haparanda. Maxima above 70° in most parts of England and nearly 80° in places.

WIND in morning between South-West and South-East over the United Kingdom; light generally, but fresh or strong in the north of Ireland. Light anticyclonic airs prevailing over the north and south-west of our area, and very light cyclonic winds over the greater part of central and eastern Europe. No change of importance taking place during the ensuing twenty-four hours.

BAROMETER at 8 a.m. above 30·2 ins. in an anticyclone having its maximum in the far north of Scandinavia and above 30·0 ins. over France and the greater portion of Spain and Portugal. Less than 29·6 ins. in a depression off the north-west of Ireland, and below 29·8 ins. in some very shallow systems over the eastern half of Europe. Scarcely any change later in the general distribution of pressure; north-western depression travelling northwards.

IV.—TEMPERATURE on the Grass, and in the Ground.

	STATION.	Grass Min.		Mean Earth Temp.	
		No. of Obs. of 30° or less.	Lowest reading.	At 1 foot.	At 4 feet.
			°	°	°
2.	York	—	—	60·1	56·1
	Hull	0	40	61·4	57·0
3.	Cambridge	0	38	—	—
	Dunmow	0	42	—	—
4.	Harrogate	0	40	57·6	55·2
	Sheffield	0	40	60·7	55·0
	Birmingham	0	35	58·2	52·8
	Nottingham	0	40	65·0	58·4
5.	Kew	0	38	64·5	58·6
	Canterbury	0	46	64·1	59·9
	Portsmouth	0	40	67·4	61·2
6.	Glasgow	0	40	—	—
7.	Newton Rigg	0	36	60·0	55·5
	Bettws-y-Coed	0	46	59·3	54·4
	Manchester (Oldham Road)	0	47	62·4	57·8
8.	Llangammarch Wells	—	—	60·4	54·4
	Bath	—	—	64·5	60·3
	Plymouth	0	43	64·7	—
9.	Armagh	0	45	60·3	56·3
	Markree	0	41	62·0	—
10.	Dublin, Trin. Coll.	0	44	61·1	57·1
11.	Guernsey, Brooklyn	0	45	64·8	60·5

V.—OBSERVATIONS IN THE UPPER AIR.—Temperature, Humidity and Wind Velocity.

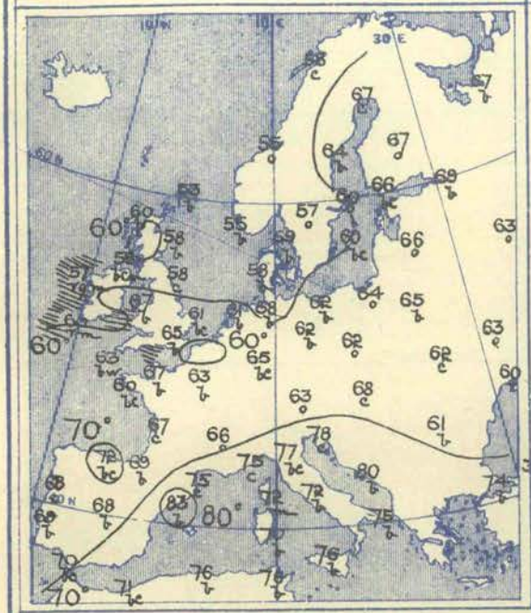
Date of Observation.	Station and its Height above M.S.L.		Heights in feet above Mean Sea Level.							Remarks.
			Ground Level.	1,650.	3,320.	5,000.	6,660.	8,320.	10,000.	
1906. July 28th, 11.47 a.m. to 12.39 p.m.	Ditcham Park, Petersfield, 400 ft.	Temperature F.	68°	59°						One large kite. Max. height 2,550 ft. Temperature 55°, humidity 100. Wind very fitful and variable from 12 to 30 m. per hour. A few detached clouds.
		Humidity	65	90						
		Wind Velocity, m. per hr.	SSW	SW						
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								
		Temperature F.	Oxshott, 22–28. No wind to raise a kite.							
		Humidity								
		Wind Velocity, m. per hr.								
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								

63, Victoria Street, London, S.W.
August 1st, 1906.

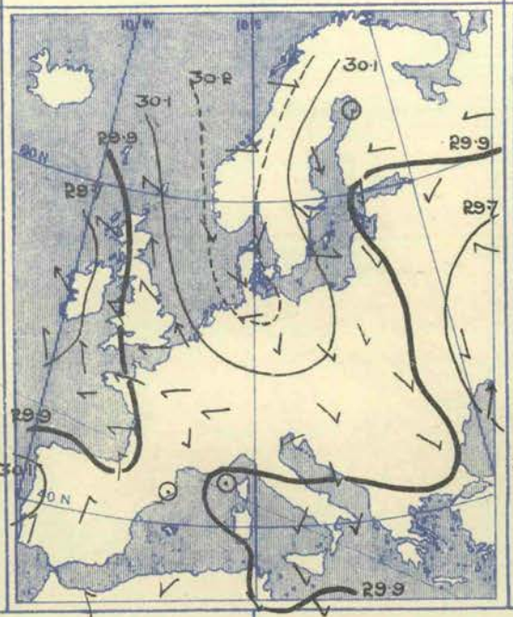
W. N. SHAW,
Director.

Thursday, 26th July, 1906.

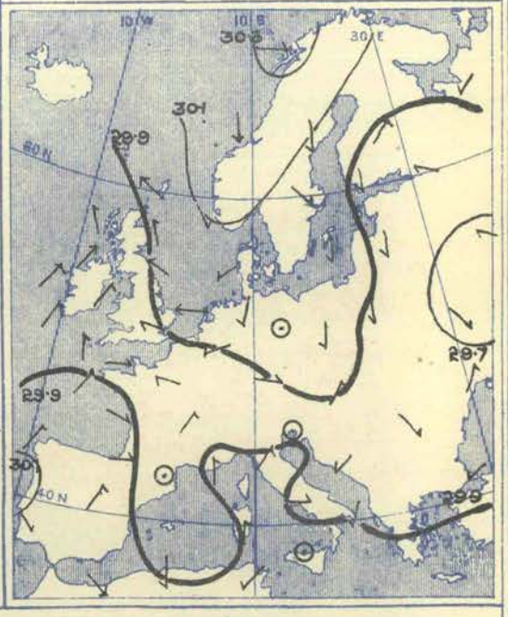
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. dull and rainy in the west of Ireland and cloudy or overcast at some Scandinavian stations; very fine and bright in almost all other places, but rain falling at Nicolaieff. Rain experienced later in the west and south of our Islands, with thunderstorms at several stations on the shores of the Channel. Thunderstorms also occurring at Clermont and Perpignan.

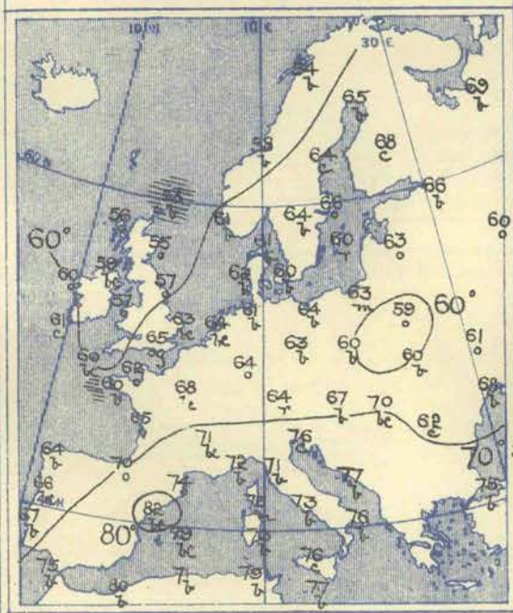
TEMPERATURE showing no general change. Readings in morning, above 70° in almost all the more southern regions, and as high as 80° at Lesina, and 83° at Barcelona. Below 60° in a few parts of our Islands and at some stations in the north-west of the Continent; lowest values, 53° at Bodö and Sumburgh Head. Rising during day to above 70° in most parts of these Islands and to 79° at Jersey and Llandudno. Maximum as high as 84° at Haparanda, and about 90° in many parts of southern Europe and in Algeria.

WIND in morning moderate to fresh or strong from the South-Eastward over the United Kingdom generally, but moderate from East on our south coast. A partial cyclonic circulation prevailing over the Bay of Biscay, light variable airs over the Mediterranean region, and a Northerly breeze over Scandinavia and the Baltic. Veering to the South-Westward or Southward on our west and north-west coasts by evening, and becoming Westerly over the Bay of Biscay, Brittany, and the Channel Islands.

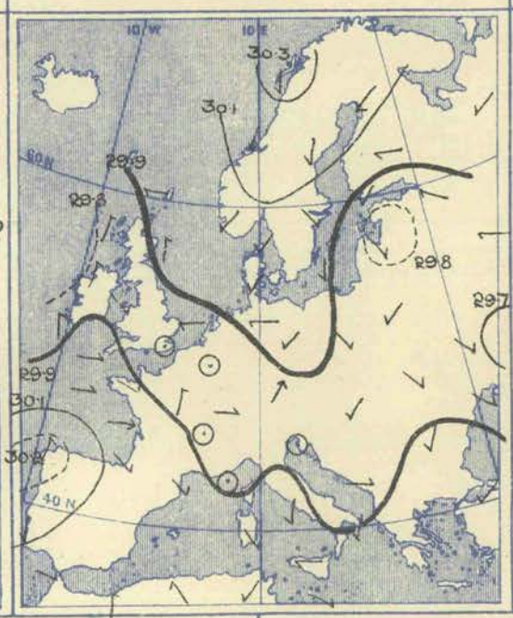
BAROMETER at 8 a.m. above 30·2 ins. in a narrow band extending from the Arctic regions across Norway to north Germany and above 30·1 ins. in the neighbourhood of Oporto. Below 29·7 ins. in a depression off the west of Ireland and also in another system over Russia. A shallow disturbance in course of formation over the Bay of Biscay. Barometer falling rather decidedly over France and the south of England during day. Western depression travelling northwards and pressure increasing again in Ireland.

Friday, 27th July, 1906.

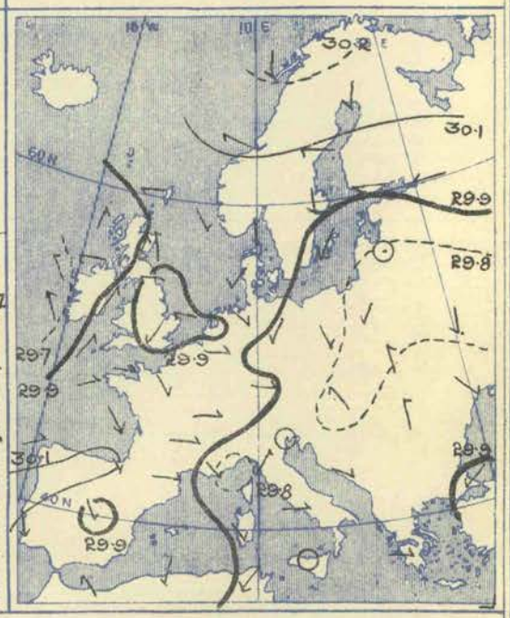
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fair or very fine over our area as a whole, but dull in most parts of our Islands, with rain at Liverpool and Donaghadee. Cloudy or overcast at some South German stations, with rain at Munich. Heavy rain experienced later in Ireland, and also at Riga and at a few stations in central Europe. Thunderstorms, with heavy rain locally, occurring in the south-east of England, and at some places in the Midlands. As much as 1·25 in. falling within 45 minutes at Great Billing, Northampton.

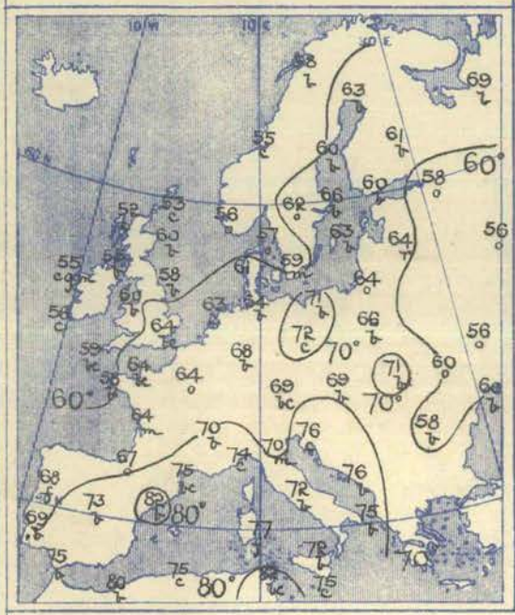
TEMPERATURE showing no decided or general change. Readings in morning, 71° at Helsingfors and above 75° at many stations in the south. Highest values, 82° at Barcelona and Sfax, and 79° at Palma. Below 60° in the north of Norway and at several of our own stations, and as low as 53° at Sumburgh Head. Maxima during day as high as 77° at Haparanda, between 70° and 80° over central Europe, to above 80° in the south, and to above 90° in places. Highest values in the United Kingdom, 77° at Margate and 76° at Rhyl and Nottingham.

WIND in morning anticyclonic both in the north and south-west of our area and cyclonic in the intervening region and also over Russia. Light and variable airs prevailing over the Mediterranean. Increasing somewhat from the South-Eastward in Ireland later and a feeble cyclonic movement setting in over the south-west of England and its neighbourhood.

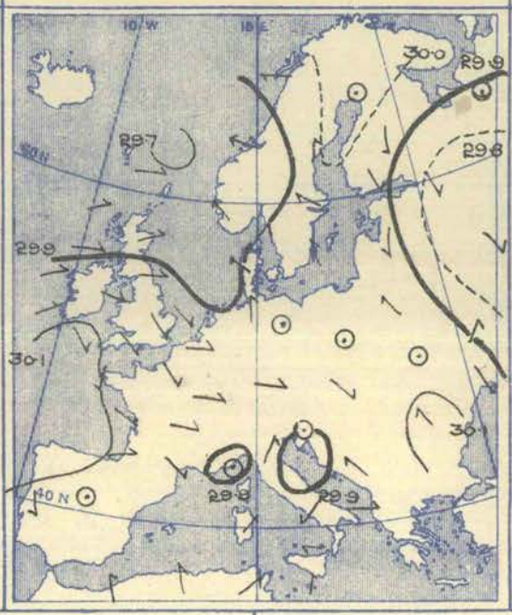
BAROMETER in morning above 30·3 ins. in an anticyclone over the north of Norway and above 30·2 ins. in a similar system centred over the north-west of Spain. Relatively low in a band extending south-eastwards across these Islands to central Europe, below 29·8 ins. in a depression over the Gulf of Riga, and less than 29·7 ins. in another system over Little Russia. Changes rather slight and irregular subsequently; a fall commencing on the west coast of Ireland and a decided fall taking place in the north-west of Spain.

Tuesday, 24th July, 1906.

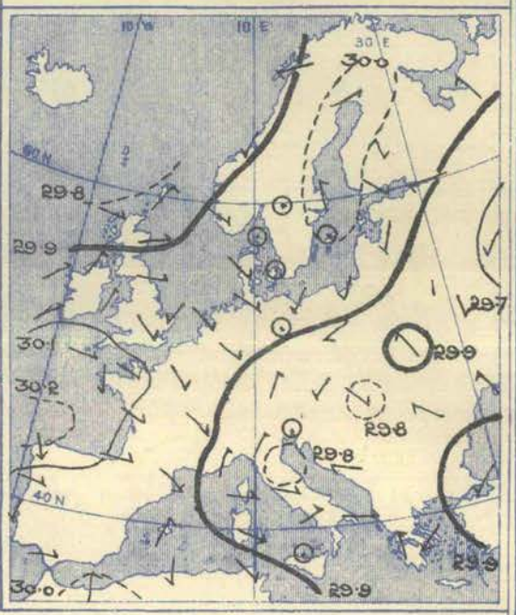
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fair or fine in almost all parts of our area, but foggy at Oporto and Cape Gris Nez, rainy at Brussels and Limoges, and dull in Denmark and the south of Norway. Considerable amounts of rain later in Denmark, the Netherlands, and North Germany, and also in Norway and at Karlstad; slight quantities in the north and west of our Islands.

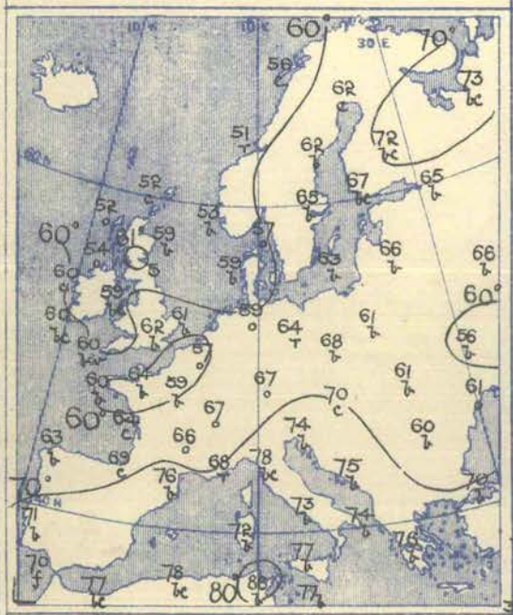
TEMPERATURE risen generally, fallen at many of our own and the French stations. Readings in morning, 86° at Sfax, 82° at Barcelona, 80° at Nemours, and above 70° in the south as a whole; as high as 69° at Archangel. Below 60° in Norway and in various parts of the United Kingdom, and as low as 52° at Stornoway. Rising during day to 100° at Aumale, 93° at Cagliari, 92° at Florence, and to above 80° in most other southern and in several central regions. Maxima below 70° at most of our own stations and in the Netherlands, but as high as 75° at Haparanda.

WIND in morning showing several partial or complete, but feeble, cyclonic circulations, and light anticyclonic airs in the far north and south-west of our area. No general change later; backing slightly on our own western coasts.

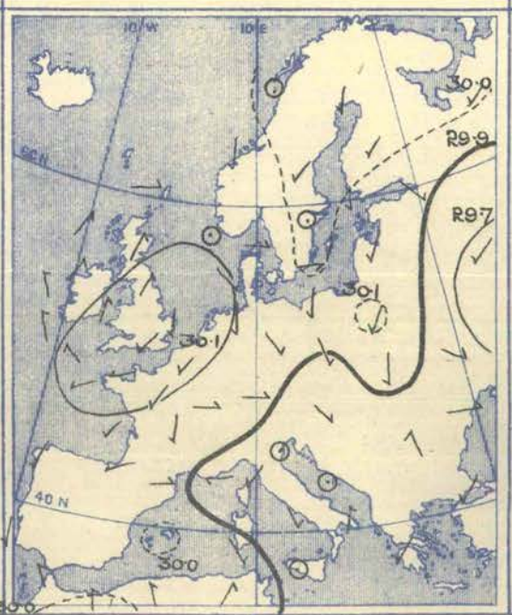
BAROMETER in morning highest, 30·1 ins. in an anticyclone over the Bay of Biscay and the north of Spain, as well as in a smaller system in the south-east of Europe, and above 30·0 ins. in the north of Scandinavia. Lowest, below 29·8 ins. in a large shallow depression off the north of Scotland and in a similar system over Russia; less than 29·9 ins. in two shallow areas over southern Europe. South-western high pressure extending north-eastward during day and barometer rising throughout our Islands and their neighbourhood.

Wednesday, 25th July, 1906.

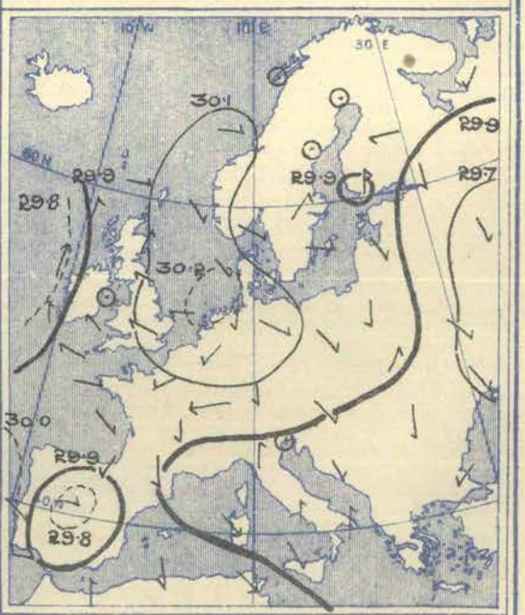
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. rainy at Christiansund, Karlstad, Berlin, and Nice, and cloudy or dull in a few other localities, but very fine as a whole. Continuing very fine generally, but about half an inch of rain falling at Valencia Island, Christiansund, Karlstad, and Leghorn, 0·9 in. at Munich, and nearly an inch at Nicolaieff.

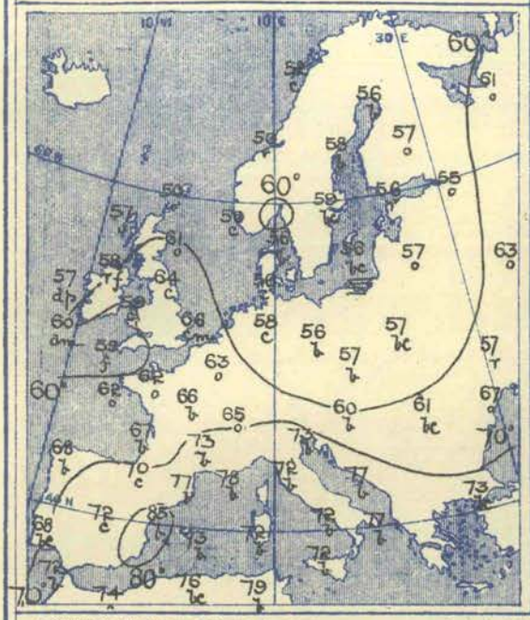
TEMPERATURE changed little and rather irregularly generally, but risen in Finland and the north of Russia. Readings in morning highest, (1) 86° at Tunis, 81° at Palma, and above 75° at several southern stations; (2) 73° at Archangel, 72° at Kuopio. Rising later to 97° at Madrid, 95° at Aumale, to about 90° in many southern regions, 86° at Haparanda, and to 79° at St. Petersburg. Maxima above 70° in many parts of our Islands and as high as 78° at Jersey.

WIND in morning showing an extensive anticyclonic circulation over all the Western and North-Western countries and light airs from variable directions elsewhere. A decided Southerly breeze setting in later over our own Western districts; anticyclonic circulation becoming more restricted in extent.

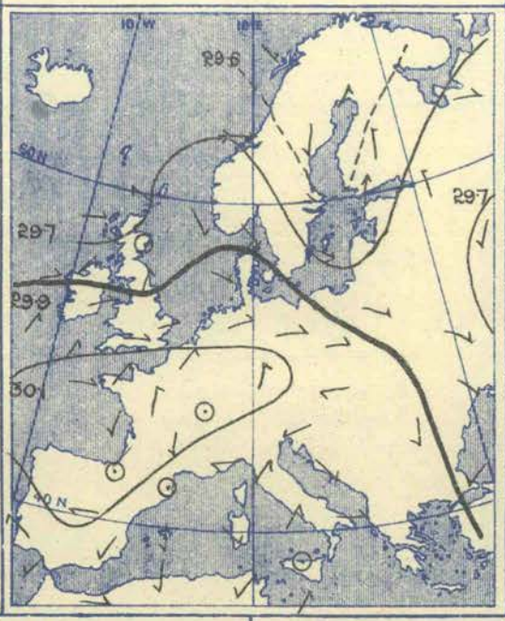
BAROMETER at 8 a.m. above 30·1 ins. in a large anticyclone having its central space over England, the North Sea, and the nearer regions of the Continent. Readings decreasing to less than 29·8 ins. over Italy and to below 29·7 ins. over central Russia. A rather brisk fall of the barometer taking place over our most western and north-western coasts during day, as well as in the south-west of France. High pressure system increasing in intensity and at the same time extending north-eastwards and moving eastwards.

Sunday, 22nd July, 1906.

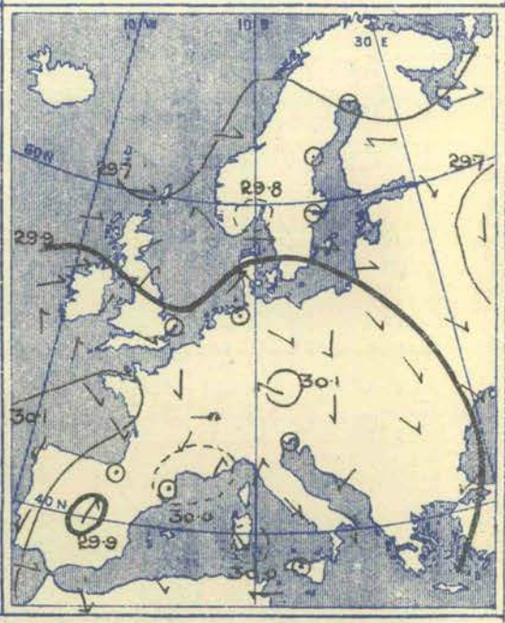
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fair to fine over our area as a whole, but foggy on the south-west coast of England, cloudy or dull in various parts of this country, the north of France, the west of Norway, the Netherlands, and south Germany, with rain in several Irish localities, and also at Wick, Christiansund, Aix-la-Chapelle, and Munich. Rather heavy rain falling later at some Finnish and Russian stations, thunderstorms occurring in various parts of France, and slight rain over our western and northern districts.

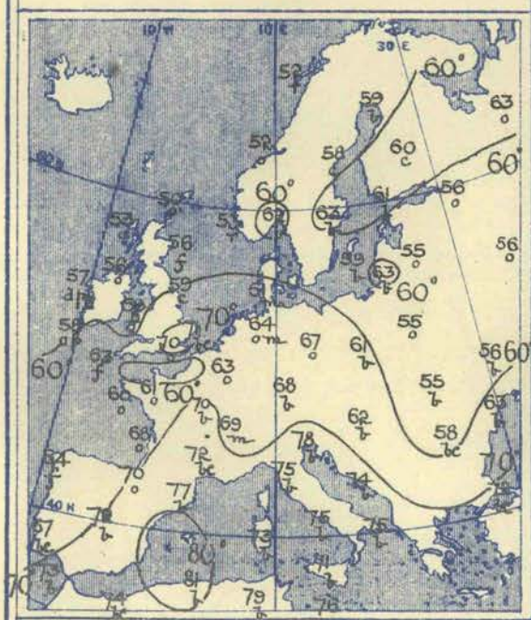
TEMPERATURE fallen in the south of Russia, risen in most other regions, quickly over the United Kingdom. Readings in morning, 70° or above over southern Europe and Algeria, nearly 80° in places, and as high as 85° at Barcelona. Below 60° on our most northern and north-western coasts and in many northern localities of the Continent, and as low as 50° on the west coast of Norway and in the Shetlands. Rising during day to 97° at Cagliari, 95° at Madrid and Sfax, to a little above 90° at some stations in the extreme south of France and at Florence, and to about 80° in the south-east and east of England. Maximum only 63° at Portland Bill.

WIND in morning showing partial cyclonic circulations over our Islands and the northern regions of the Continent and also over Italy and its vicinity. Very little force as a whole, but Westerly and North-Westerly current strong in Scandinavia, with a gale at Christiansund. Light anticyclonic airs prevailing over France and Germany. Very little change later except a decrease of force over northern Europe.

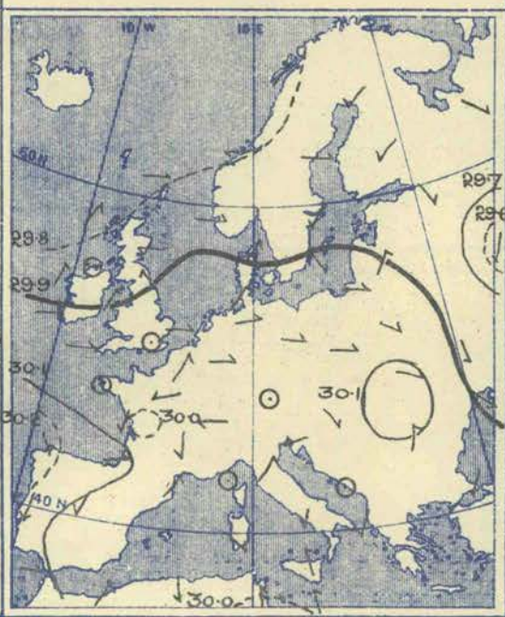
BAROMETER in morning above 30·1 ins. in a large anticyclone extending from the Bay of Biscay to the centre of Europe. As low as 29·6 ins. and less in a depression extending from the northward over the Gulf of Bothnia and its neighbourhood, and relatively low in other disturbances over the north of our Islands, Italy, and the central portion of Russia. Depressions appearing over Spain and the south of France by evening and an ill-defined "V-shaped" system passing eastwards over our Islands. Northern disturbance moving away eastwards or north-eastwards.

Monday, 23rd July, 1906.

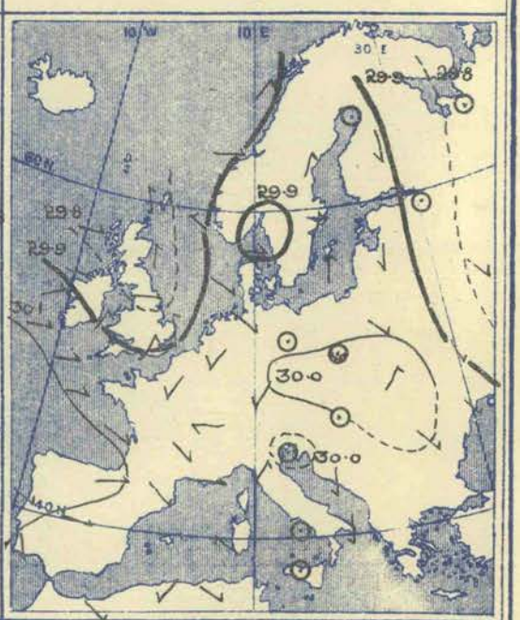
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fair to fine in almost all Continental regions, but dull and rainy on the west coast of Norway; dull in the north and west of France, and foggy on the coasts of Portugal and the north-west of Spain, as well as at Cape Gris Nez and Flushing. Cloudy or dull in most parts of our Islands, with rain at Leith and in several parts of Ireland, and with fog along the south and south-west coasts of Britain and at Aberdeen. Thunderstorms later at Paris and some other French stations and also in the north of England. Fog continuing all day on a few parts of our south coast.

TEMPERATURE risen over Germany and Denmark, changed little elsewhere. Morning readings as high as 84° at Barcelona and 70° or above in the south generally, as well as in the south-east and south of England. Below 50° over our own northern and north-western districts and at many stations in northern Europe. Lowest value, 50° in the Shetlands. Rising during day to 80° at Nottingham, 81° at Margate, and to 82° at Liverpool. Maxima, 97° at Madrid, 94° at Cagliari, and 93° at Florence.

WIND in morning light from the South-Westward or Westward over our Islands and the northern half of the Continent; light and variable in the southern and central districts. A partial cyclonic circulation of freshening winds setting in over these Islands during day, but little change of a general character taking place.

BAROMETER in morning ranging from above 30·2 ins. in the north-west of Spain and 30·1 ins. over southern Poland to below 30·0 ins. in shallow depressions over the Mediterranean, below 29·8 ins. in a large area off the north and north-west of this country, and to less than 29·6 ins. over central Russia. A depression of a "V-shaped" type travelling over the United Kingdom from the westward during day and a disturbance appearing over the Skager Rack. Barometrical changes as a whole slight and irregular.

II.—DATA from which the SUMMARY on page 175 has been calculated.

July 22-28, 1906. Districts.	Names of Stations.	Temperature. In Degrees Fahrenheit.							Rainfall.			Bright Sunshine.			
		Highest observed.	Lowest observed.	Averages for the Week. Of Highest each day.	Of Lowest each day.	For whole of each day.	Difference of Daily Average from Mean for the Week.	Accumulated Heat for the Week (in Day-degrees). Above 42°	Below 42°	Number of Rain-Days.	Rainfall in the Week.	Difference from the Mean for the Week.	Number of Hours recorded.	Difference from the Mean for the Week.	Percentage of possible duration.	Difference from the Mean for the Week.
		°	°	°	°	°	°	Day-deg	Day-deg		Inches.	Inches.	Hrs.	Hrs.	%	%
0. SCOTLAND, N.	†Sumburgh Head (Deerness)	59	42	56·3	47·3	51·5	- 1·2	67	0	4	0·56	- 0·03	51·2	+ 20·9	43	+ 18
	Wick	64	45	61·3	47·6	54·0	- 1·0	84	0	4	0·18	- 0·44	*	*	*	*
	†Lairg (Strathpeffer) ℌ	73	41	68·8	46·5	56·9	+ 2·2	104	0	3	0·28	- 0·41	37·7	+ 9·3	33	+ 8
	Stornoway	72	41	62·6	48·7	55·2	+ 0·7	92	0	4	0·36	- 0·38	36·1	+ 4·7	31	+ 4
	Glencarron	74	45	62·9	49·3	55·6	+ 1·1	95	0	6	1·06	- 0·30	—	—	—	—
	Fort Augustus ℌ	75	44	65·7	50·0	57·3	+ 0·8	107	0	3	0·52	- 0·19	25·7	+ 3·8	22	+ 3
	Fort William ℌ	75	44	63·7	50·3	56·5	0·0	102	0	6	0·66	- 0·60	*	*	*	*
1. SCOTLAND, E.	Nairn	78	45	68·3	48·4	57·7	+ 1·1	110	0	1	0·11	- 0·52	*	*	*	*
	Aberdeen	73	43	64·1	50·1	56·6	+ 0·1	102	0	4	0·11	- 0·56	34·8	- 0·9	30	- 1
	†Balmoral (Crathes) ℌ	79	37	68·3	45·7	56·2	+ 2·0	99	0	1	0·01	- 0·67	32·4	—	28	—
	†Clathick (Balruddery) ℌ	72	44	66·3	48·4	56·7	- 1·1	103	0	4	0·38	- 0·37	40·1	—	35	—
	†Leith (Edinburgh) ℌ	74	48	67·1	51·7	58·9	+ 0·4	118	0	5	0·35	- 0·28	31·0	- 1·7	27	- 2
	Marchmont ℌ	71	42	67·1	47·0	56·4	0·0	101	0	2	0·62	- 0·16	49·8	+ 13·9	44	+ 12
2. ENGLAND, N.E. — Northern part.	†Alnwick Castle (Cockle Park)	74	46	67·5	50·0	58·1	+ 0·8	113	0	1	0·51	- 0·14	48·5	—	43	—
	†Shields (Newcastle)	75	46	67·0	51·3	58·6	+ 0·9	116	0	2	0·12	- 0·51	37·5	+ 5·4	33	+ 5
	Durham	74	45	70·6	50·5	59·9	+ 1·4	125	0	2	0·04	- 0·62	49·3	+ 13·2	45	+ 12
	Scarborough ℌ	79	51	70·6	54·6	62·0	+ 3·2	140	0	1	0·22	- 0·38	57·5	—	51	—
	York	78	48	74·2	52·3	62·5	+ 2·8	144	0	1	0·04	- 0·57	52·4	+ 13·4	47	+ 12
2. ENGLAND, N.E. — Southern part.	†Spurn Head (Saltburn)	79	54	69·9	57·0	63·0	+ 3·2	147	0	1	0·01	- 0·42	?42·7	—	?38	—
	†Lincoln (Skegness)	80	47	74·9	53·5	63·5	+ 2·7	151	0	2	1·21	+ 0·66	67·0	—	60	—
	†Fulbeck (Rauceby)	80	46	77·4	52·7	64·2	+ 3·8	155	0	2	0·48	- 0·08	65·3	—	59	—
	(Cromer)												60·8	—	55	—
3. ENGLAND, E. — Northern part.	Hillington ℌ	80	43	76·6	54·3	64·7	+ 4·1	159	0	1	0·02	- 0·64	62·9	+ 18·8	57	+ 17
	†Yarmouth (Lowestoft)	77	54	69·4	58·4	63·5	+ 3·1	151	0	0	0·00	- 0·58	66·4	—	60	—
	Geldeston	82	48	74·8	54·9	64·2	+ 3·8	155	0	1	0·08	- 0·47	62·1	+ 15·1	57	+ 14
	(Dunmow)												68·7	—	63	—
3. ENGLAND, E. — Southern part.	Cambridge	81	44	74·5	56·9	65·1	+ 3·7	162	0	2	0·24	- 0·32	63·1	+ 17·0	58	+ 16
	Felixstowe	79	49	70·4	57·1	63·3	+ 1·6	149	0	0	0·00	—	64·5	—	59	—
	Clacton-on-Sea	79	53	70·7	58·3	64·1	+ 1·4	155	0	1	0·03	—	59·4	—	55	—
	Rothamsted	79	47	73·9	54·4	63·5	+ 3·2	151	0	2	0·17	- 0·41	74·0	+ 26·7	68	+ 25
	†Shoeburyness (Southend)	79	51	73·1	58·1	65·1	+ 2·4	162	0	1	0·48	+ 0·07	68·5	—	63	—
	London, Westminster	78	54	74·3	57·9	65·5	+ 2·5	165	0	2	0·46	- 0·08	65·9	+ 25·8	61	+ 24
4. MIDLAND COUNTIES. — Eastern part.	Harrogate	74	46	70·8	51·9	60·7	+ 2·9	131	0	3	0·57	- 0·07	55·5	—	50	—
	†Bawtry (Worksop)	81	42	76·9	49·9	62·5	+ 2·4	144	0	1	0·23	- 0·34	50·4	+ 13·9	45	+ 13
	Nottingham	80	45	76·1	52·3	63·4	+ 3·0	150	0	1	0·17	- 0·42	59·6	—	54	—
	†Colly Weston (Oundle)	81	45	77·6	52·3	64·1	+ 2·9	155	0	2	0·27	- 0·30	49·8	—	45	—
	Birmingham, Edgbaston	76	47	72·2	54·3	62·6	+ 3·0	144	0	4	0·38	- 0·22	53·7	—	49	—
	Oxford	78	48	74·6	54·1	63·6	+ 2·5	151	0	4	0·62	+ 0·06	63·6	+ 18·7	58	+ 17
4. MIDLAND COUNTIES. — Western part.	†Cheadle (Sheffield) ℌ	75	47	70·6	52·8	61·1	+ 3·1	134	0	2	0·33	- 0·39	56·8	—	51	—
	Shrewsbury	78	44	73·0	52·9	62·3	+ 2·3	142	0	4	0·36	—	*	*	*	*
	Hereford ℌ	77	42	73·6	51·9	62·0	+ 1·6	140	0	3	0·13	- 0·41	*	*	*	*
	Cirencester	75	42	72·6	51·4	61·3	+ 2·0	135	0	4	0·79	+ 0·14	?69·4	+ 25·4	?64	+ 23
	Bath	77	45	73·3	54·3	63·1	+ 2·0	148	0	2	0·61	0·00	70·2	—	64	—
	(Margate)												65·5	+ 19·6	60	+ 18
5. ENGLAND, S.	Kew	80	49	75·5	57·5	65·9	+ 4·2	167	0	2	0·79	+ 0·25	71·9	+ 26·2	66	+ 24
	Wisley, Surrey	80	45	76·4	53·9	64·4	+ 1·8	157	0	3	0·12	—	70·4	—	65	—
	†Swarraton (Ventnor) ℌ	77	45	74·1	52·6	62·6	+ 3·1	144	0	2	0·12	- 0·50	80·1	+ 31·0	74	+ 29
	Tunbridge Wells ℌ	79	48	75·3	54·3	64·1	+ 3·6	155	0	1	0·14	- 0·41	78·5	+ 31·7	72	+ 29
	†Dungeness (Littlestone)	69	49	66·9	56·0	61·1	- 0·3	134	0	0	0·00	- 0·40	76·8	—	71	—
	Hastings	74	53	70·2	55·9	62·6	+ 1·2	144	0	0	‡0·01	- 0·51	82·0	+ 29·0	76	+ 27
	Southampton	79	50	75·9	56·5	65·5	+ 3·0	165	0	0	0·00	- 0·59	80·6	+ 30·8	75	+ 29
	†Portland Bill (Worthing)	65	54	63·4	57·3	60·1	- 1·3	127	0	2	0·26	—	78·5	—	73	—
	(Eastbourne)												86·2	+ 33·3	80	+ 31
6. SCOTLAND, W.	†Laudale, (Oban)	74	40	64·4	50·5	57·0	0·0	105	0	6	0·64	- 0·58	29·1	—	26	—
	Glasgow	73	50	64·8	52·5	58·2	+ 0·8	113	0	5	0·37	- 0·42	29·8	- 1·4	26	- 1
	Dumfries ℌ	76	45	68·3	50·2	58·6	- 0·1	116	0	4	0·81	+ 0·02	*	*	*	*
	Cally ℌ	68	45	66·8	46·4	55·9	- 1·1	97	0	2	0·22	- 0·64	*	*	*	*
	Douglas, Isle of Man	70	46	64·6	50·7	57·2	- 0·1	106	0	5	0·40	- 0·38	52·5	+ 9·3	47	+ 8
7. ENGLAND, N.W.	Aspatria	74	48	66·9	52·6	59·3	+ 1·0	121	0	5	0·46	- 0·47	41·8	—	37	—
	Newton Rigg	73	43	67·6	48·8	57·6	+ 0·6	109	0	4	0·38	- 0·46	45·2	+ 6·9	40	+ 6
	Stonyhurst	73	48	67·8	54·1	60·5	+ 2·1	130	0	4	0·27	- 0·73	39·1	+ 0·5	35	0
	Blackpool ℌ	75	46	67·7	54·2	60·5	+ 1·2	130	0	4	0·34	- 0·38	48·9	+ 8·1	44	+ 7
	Manchester, Prestwich	75	45	70·7	53·2	61·3	+ 2·5	135	0	3	0·20	- 0·62	43·4	+ 8·3	39	+ 8
	†Liverpool Obs. (Hoylake)	77	51	70·3	55·6	62·4	+ 2·7	143	0	4	0·32	- 0·36	56·4	—	51	—
	†Hawarden Bridge (Southport)	77	48	71·8	55·1	62·9	+ 2·4	146	0	2	0·22	- 0·37	52·0	—	47	—
NORTH WALES	Llandudno ℌ	79	52	70·5	55·6	62·5	+ 2·6	144	0	3	0·07	- 0·55	54·6	+ 13·9	49	+ 13
	†Holyhead (Aberdovey)	75	51	66·1	54·7	60·0	+ 1·4	126	0	4	0·26	- 0·34	44·2	—	40	—
	Bettws-y-Coed	78	47	69·6	53·0	60·7	+ 0·7	131	0	2	0·09	—	45·4	—	41	—
SOUTH WALES	Llangammarch Wells	74	39	68·2	49·5	58·2	- 0·8	113	0	3	0·12	—	47·1	—	43	—
	Pembroke	66	53	62·4	55·4	58·7	0·0	117	0	4	0·42	- 0·20	56·8	+ 11·6	52	+ 11
	†Cardiff (Aberystwyth)	76	43	70·2	52·0	60·5	- 0·6	130	0	3	0·05	- 0·79	50·0	—	46	—
8. ENGLAND, S.W.	†Clifton (Torquay)	78	51	72·9	56·8	64·3	+ 2·7	156	0	3	0·57	- 0·14	71·9	+ 22·8	67	+ 21
	†Shaftesbury (Marlborough) ℌ	76	49	70·4	54·0	61·6	+ 2·3	137	0	2	0·39	- 0·27	62·2	+ 19·9	57	+ 18
	†Arlington (Newquay)	71	44	67·4	53·4	59·9	+ 1·4	125	0	4	0·51	- 0·49	*	*	*	*
	Cullompton ℌ	77	43	73·2	53·0	62·4	+ 1·7	143	0	2	0·23	- 0·44	58·2	+ 16·2	54	+ 15
	Plymouth	70	49	69·1	55·6	61·9	+ 0·9	139	0	4	0·44	- 0·20	52·5	+ 5·9	49	+ 6
	Falmouth	71	52	67·8	56·5	61·8	+ 1·7	139	0	5	0·32	- 0·40	53·6	+ 3·1	50	+ 3
9 IRELAND, N. — Western part.	Malin Head	71	46	63·4	50·7	56·6	- 0·2	102	0	4	0·19	- 0·50	*	*	*	*
	Edenfel	71	46	65·9	50·3	57·6	+ 1·1	109	0	6	0·46	- 0·36	*	*	*	*
	Blacksod Point	66	51	61·7	54·1	57·6	- 0·1	109	0	7	0·84	+ 0·07	*	*	*	*
	Markree Castle	70	45	66·5	49·8	57·6	+ 0·8	109	0	5	0·55	- 0·27	46·3	+ 17·4	41	+ 16
9 IRELAND, N. — Eastern part.	Armagh	74	47	68·7	51·8	59·7	+ 2·3	124	0	4	0·58	- 0·14	52·6	+ 21·4	47	+ 19
	Donaghadee	72	46	65·6	51·3	58·0	+ 0·7	112	0	5	0·72	+ 0·03	*	*	*	*
10. IRELAND, S. — Eastern part.	†Dublin, City (Phœnix Park)	77	51	70·4	55·5	62·4	+ 2·6	143	0	4	0·14	- 0·47	47·1	+ 10·1	42	+ 9
	Kilkenny	76	43	68·7	52·0	59·8	+ 0·9	125	0	3	0·74	+ 0·09	*	*	*	*
	Waterford	75	45	69·4	52·0	60·1	+ 0·4	127	0	3	0·41	- 0·33	*	*	*	*
10. IRELAND, S. — Western part.	Birr Castle	73	46	67·9	52·7	59·8	+ 1·6	125	0	6	1·05	+ 0·33	45·4	+ 14·4	41	+ 13
	Foynes	69	51	65·7	55·3	60·1	+ 2·4	127	0	5	0·75	+ 0·01	*	*	*	*
	Killarney	74	51	68·5	55·8	61·7	+ 3·0	138	0	6	0·71	- 0·12	*	*	*	*
	Valencia	66	53	64·4	56·6	60·2	+ 1·4	127	0	7	1·67	+ 0·73	54·0	+ 19·9	50	+ 18
	†Roches Point (Ballinacurra)	67	48	64·4	53·3	58·5	- 0·9	116	0	3	1·29	+ 0·55	50·3	—	46	—
11. ENGLISH CHANNEL	Scilly, St. Mary's	67	58	65·9	58·4	61·9	+ 1·4	139	0	3	0·20	- 0·34	52·8	+ 3·3	49	+ 3
	†Jersey, St. Aubins (St. Heliers)	79	53	72·0	57·9	64·5	+ 2·0	158	0	2	0·03	- 0·50	72·2	+ 16·2	68	+ 15
	Guernsey	77	53	70·8	57·2	63·5	+ 2·4	151	0	0	0·00	- 0·54	75·2	+ 18·1	70	+ 17

Information for Stations marked ℌ is supplied by the Royal Meteorological Society, and that for Stations marked ℑ is supplied by the Scottish Meteorological Society.
* An Asterisk is inserted in all places for which the information is not usually given.
† There is no Sunshine Recorder in use at this Station. The figures entered for Sunshine are those recorded at a Station in the same district of which the name is given in brackets.
‡ Dew.

Additional Sunshine Totals for the week: Ramsgate, 71·4 hrs., 66 %; Brighton, 66·3 hrs. (+ 14·3), 61 % (+ 13 %); Bournemouth, 82·5 hrs., 76 %; Bognor, 79·5 hrs., 74 %; Rhyl, 51·5 hrs., 46 %; Tenby, 51·7 hrs. (+ 5·7) 47 % (+ 5 %).

ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE,

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TWENTY-NINTH YEAR. Vol. XXIII. (New Series.) } No. 30. THIRTIETH WEEK, ENDING SATURDAY, JULY 28TH, 1906.

[Price 6d. Annual Subscription post paid £1 10s. 0d.

I.—GENERAL REMARKS.

Weather.—Slight falls of rain were rather frequent in Ireland and Scotland, but the general character of the week was fair and bright. In the English districts there was little rain, excepting on Friday, when heavy falls were experienced quite locally with thunderstorms which occurred over our south-eastern and Midland Counties.

Temperature exceeded the average in all districts except Scotland W. The highest of the maxima, which were recorded on irregular dates, ranged from 82° in England E., 81° in the Midland Counties, and 80° in England S. and N.E. to 75° in Scotland N. and to 74° in Ireland N. The lowest of the minima were registered generally about the middle of the week. They were as low as 37° in Scotland E. and 39° in England S.W.; but elsewhere the figures ranged from 40° in Scotland W. to 45° in England N.E. and S. and Ireland N., and to 53° in the Channel Islands.

Rainfall was rather above the average in Ireland S., but less in all the other districts. During the thunderstorm of Friday 0·75 in. was measured at Kew, and about an inch at Lincoln and Rauceby. At Great Billing, near Northampton, the fall amounted to more than an inch and a half.

Bright Sunshine exceeded the average in all parts of the Kingdom, the excess being rather large in most of the English and Irish districts. The percentage of the possible duration ranged from 69 in England S., 62 in the Channel Islands and 60 in England E. to 33 and 32 respectively in Scotland E. and N.

Barometer and Wind.—During the earlier days of the week the barometer was highest over France and the Bay of Biscay, and lowest in depressions off our north-western and northern coasts, while the wind was generally South-Westerly to Westerly. On Wednesday, however, a well-defined anticyclone covered the greater part of these Islands and the wind had shifted to North-East or East on our eastern and southern coasts. This system subsequently passed on to Scandinavia, while a depression appeared off our western coasts and a shallow area of relatively low pressure advanced over England from the southward. Towards the end of the week the barometer rose slowly over France and our southern districts and the Easterly winds gave way to a light current from between South-West and West.

SUMMARY OF TEMPERATURE, RAINFALL, AND DURATION OF BRIGHT SUNSHINE IN THE UNITED KINGDOM, FOR AGRICULTURAL AND SANITARY PURPOSES.

THE WEEK (30th)—July 22nd to July 28th, 1906.

DISTRICTS. (See p. 176.)	Temperature. Highest.	Lowest.	Means of: Daily Max.	Daily Min.	Daily Mean.	Difference from Av. (35 Yrs.)	Accumulated. Number of Day-Degrees. Above 42°	Difference from Av. (25 Yrs.)	Below 42°	Difference from Av. (25 Yrs.)	Rainfall. Number of Rain-Days.	Diff. from Av. (35 Yrs.)	Total Fall.	Difference from Average (35 Yrs.)	Sunshine. Hours recorded.	Diff. from Av. (25 Yrs.)	Percentage of Possible Duration	Diff. from Av. (25 Yrs.)
	°	°	°	°	°	°	Day-deg.	Day-deg.	Day-deg	Day-deg.			Inches.	Inches.			%	%
0. SCOTLAND, NORTH ..	75	41	63·0	48·5	55·3	+ 0·4	93	+ 4	0	0	4	0	0·52	−0·34	38	+ 10	32	+ 8
Eastern 1. SCOTLAND, EAST ..	79	37	66·9	48·6	57·1	+ 0·4	106	+ 2	0	0	3	− 1	0·26	−0·43	38	+ 4	33	+ 3
Eastern 2. ENGLAND, N.E. ..	80	45	71·5	52·7	61·5	+ 2·4	137	+ 19	0	0	2	− 1	0·33	−0·26	55	+ 13	49	+12
Eastern 3. ENGLAND, EAST ..	82	43	73·1	56·7	64·3	+ 2·9	156	+ 25	0	0	1	− 2	0·16	−0·39	65	+ 21	60	+19
Eastern 4. MIDLAND COUNTIES	81	42	73·8	52·6	62·4	+ 2·5	143	+ 17	0	0	3	0	0·41	−0·20	59	+ 19	54	+18
Eastern 5. ENGLAND, SOUTH ..	80	45	72·2	55·5	63·3	+ 1·9	149	+ 11	0	0	1	− 2	0·18	−0·36	75	+ 28	69	+25
Western 6. SCOTLAND, WEST ..	76	40	65·8	50·1	57·4	− 0·1	108	+ 1	0	0	4	0	0·49	−0·40	41	+ 4	37	+ 4
Western 7. ENGLAND, N.W. ..	79	43	68·9	53·7	60·8	+ 1·7	132	+ 13	0	0	4	0	0·26	−0·50	47	+ 8	42	+ 7
Western 8. ENGLAND, S.W. ..	78	39	69·1	54·0	61·0	+ 1·0	133	+ 7	0	0	3	− 1	0·34	−0·39	53	+ 9	49	+ 8
Western 9. IRELAND, NORTH ..	74	45	65·3	51·3	57·9	+ 0·8	111	+ 2	0	0	5	0	0·56	−0·20	50	+ 19	44	+17
Western 10. IRELAND, SOUTH ..	77	43	67·4	54·2	60·3	+ 1·4	128	+ 8	0	0	5	+ 1	0·85	+0·10	49	+ 15	45	+14
11. CHANNEL ISLANDS..	79	53	69·6	57·8	63·3	+ 1·9	149	+ 11	0	0	2	− 1	0·08	−0·46	67	+ 13	62	+12

THE SEASON (**Summer**).—Aggregates, &c., for the Period of 8 Weeks, June 3rd to July 28th, 1906.

0. SCOTLAND NORTH ..	78	33	*	*	*	*	634	+ 4	0	− 4	30	− 2	5·69†	+0·01†	294	+ 27	30	+ 3
Eastern 1. SCOTLAND, EAST ..	82	33	*	*	*	*	761	+ 20	0	− 2	26	− 2	2·21	−2·54	347	+ 37	36	+ 4
Eastern 2. ENGLAND, N.E. ..	80	34	*	*	*	*	896	+ 70	0	− 1	17	− 8	2·00	−2·13	390	+ 58	42	+ 6
Eastern 3. ENGLAND, EAST ..	82	33	*	*	*	*	943	+ 8	0	− 1	14	− 9	2·78	−1·34	457	+ 89	50	+10
Eastern 4. MIDLAND COUNTIES	81	33	*	*	*	*	923	+ 8	0	− 1	18	− 6	2·95	−1·58	395	+ 74	43	+ 8
Eastern 5. ENGLAND, SOUTH ..	83	34	*	*	*	*	934	− 55	0	0	14	− 9	2·45	−1·53	475	+ 95	53	+11
Western 6. SCOTLAND, WEST ..	83	40	*	*	*	*	785	+ 9	0	− 1	27	− 2	4·38	−1·86	382	+ 47	41	+ 5
Western 7. ENGLAND, N.W. ..	79	38	*	*	*	*	869	+ 11	0	0	24	− 2	2·89	−2·20	393	+ 52	43	+ 6
Western 8. ENGLAND, S.W. ..	78	34	*	*	*	*	893	− 14	0	0	22	− 3	3·44	−1·67	388	+ 22	43	+ 2
Western 9. IRELAND, NORTH ..	78	36	*	*	*	*	767	− 31	0	0	29	− 4	3·54	−1·74	310	+ 24	33	+ 3
Western 10. IRELAND, SOUTH ..	79	36	*	*	*	*	922	+ 42	0	0	32	+ 3	4·26	−1·11	323†	+ 4	35	0
11. CHANNEL ISLANDS..	79	44	*	*	*	*	978	− 2	0	0	16	− 9	1·75	−2·26	457	+ 10	52	+ 1

THE YEAR.—Aggregates, &c., for the period of 30 Weeks, December 31st, 1905, to July 28th, 1906.

0. SCOTLAND, NORTH ..	78	8	*	*	*	*	936	−128	646	+ 87	148	+21	30·59†	+5·54†	766	+ 2	27	0
Eastern 1. SCOTLAND, EAST ..	82	11	*	*	*	*	1192	− 70	624	+ 20	119	+12	16·25	+0·12	953	+ 84	34	+ 3
Eastern 2. ENGLAND, N.E. ..	80	18	*	*	*	*	1463	+100	464	− 22	104	+ 6	11·27	−1·69	1032	+ 83	38	+ 3
Eastern 3. ENGLAND, EAST ..	82	23	*	*	*	*	1598	− 14	413	−119	96	− 1	12·30	−0·21	1133	+148	42	+ 5
Eastern 4. MIDLAND COUNTIES	81	18	*	*	*	*	1596	− 17	486	− 56	103	+ 5	13·16	−1·31	983	+105	36	+ 4
Eastern 5. ENGLAND, SOUTH ..	83	20	*	*	*	*	1648	− 89	351	− 39	101	+ 6	14·58	+0·63	1181	+165	43	+ 6
Western 6. SCOTLAND, WEST ..	83	14	*	*	*	*	1303	− 38	419	− 2	123	+ 9	25·91	+1·37	957	+ 60	35	+ 2
Western 7. ENGLAND, N.W. ..	79	16	*	*	*	*	1425	− 61	379	− 13	116	+12	19·20	+2·37	958	+ 65	35	+ 2
Western 8. ENGLAND, S.W. ..	78	19	*	*	*	*	1589	− 65	327	+ 31	116	+13	22·72	+3·28	1066	+ 91	39	+ 3
Western 9. IRELAND, NORTH ..	78	20	*	*	*	*	1294	−160	355	+ 1	148	+21	21·03	+2·14	851	+ 12	31	0
Western 10. IRELAND, SOUTH ..	79	24	*	*	*	*	1674	− 19	264	0	136	+21	20·26	−1·15	937†	− 21	34	− 1
11. CHANNEL ISLANDS..	79	27	*	*	*	*	1820	− 79	79	− 35	116	+ 7	15·40	−1·21	1216	+ 25	45	+ 1

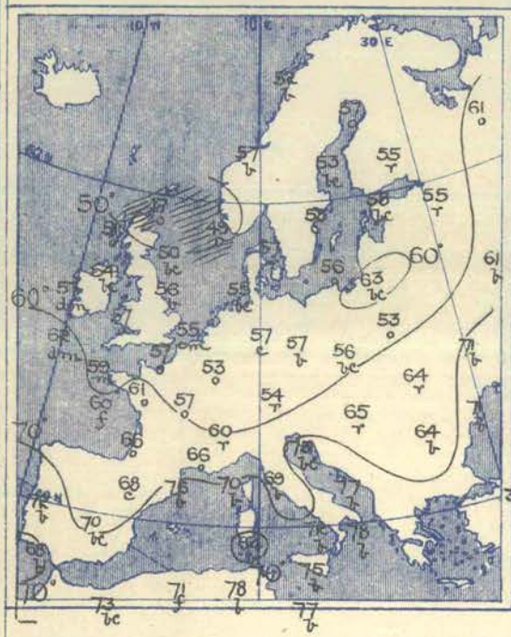
† Corresponding values for last week have been altered owing to the receipt of further information.

Bright Sunshine.—For certain of the Districts the values of Bright Sunshine in this Table are based on the records from a part only of the Stations included in the Tables under II. and IV. For certain of the Stations Mean Values are not available, and for the Districts containing these Stations the "Difference from Average" is based on the records from a smaller number of Stations than those supplying the values for "Hours Recorded."

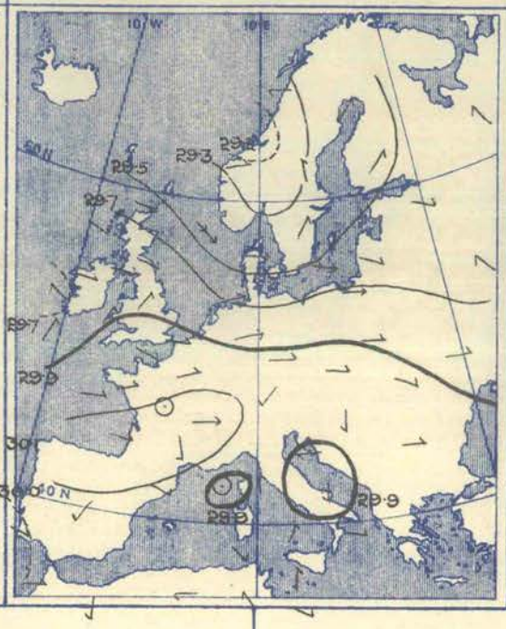
5076 370 Wy. & S. Ltd. 8 | 06

Saturday, 21st July, 1906.

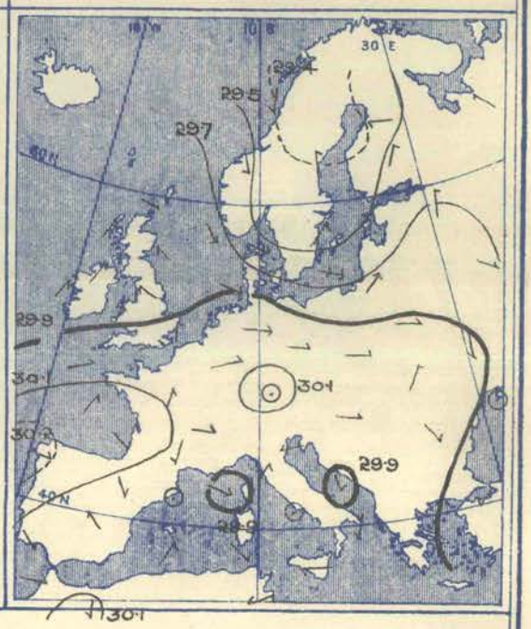
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine and bright in most parts of southern Europe and at some stations towards the north of our Islands. Cloudy or quite overcast in most other regions, with rain in Finland, at Skagen, Munich, Lemberg, and Wick, and drizzle at Portland Bill and on the west coast of Ireland. Rain in small amounts experienced later in most parts of the United Kingdom and Norway, and larger quantities in Transylvania and at a few Russian stations.

TEMPERATURE fallen quickly over Poland and to a less extent in most other parts of our area. Readings at 8 a.m. ranging from nearly 80° at some southern stations and 71° at Kieff to below 60° over the United Kingdom and most of the northern regions of the Continent, and to 47° at Sumburgh Head. Rising later to 97° at Madrid, 95° at Perpignan, and to about 90° at several other stations in the far south. Maxima about 70° in various British and Irish localities.

WIND in morning showing an extensive and nearly complete cyclonic circulation around Norway; Westerly current strong to a gale over Denmark and the south of Norway and Sweden. Some feeble cyclonic movements prevailing over southern Europe, and light Southerly and South-Easterly winds in Ireland. No general change occurring during day; veering to the South-Westward in Ireland and towards North in Norway.

BAROMETER in morning above 30·1 ins. in an anticyclone situated over France and the Bay of Biscay, below 29·9 ins. in depressions over the Gulf of Genoa and the Adriatic, below 29·8 ins. in another disturbance off the west of Ireland, and about 29·2 ins. in a large system over the north-west of Norway. Norwegian depression travelling eastwards later and apparently becoming less deep; Irish disturbance moving north-eastwards. No material modification in the general distribution taking place.

IV.—TEMPERATURE on the Grass, and in the Ground.

	STATION.	Grass Min.		Mean Earth Temp.	
		No. of Obs. of 30° or less.	Lowest reading.	At 1 foot.	At 4 feet.
			°	°	°
2.	York	—	—	59·1	56·0
	Hull	0	39	59·9	57·0
3.	Cambridge	0	35	—	—
	Dunmow	0	33	—	—
4.	Harrogate	0	41	56·3	54·8
	Sheffield	0	42	59·1	54·2
	Birmingham	0	44	56·4	52·1
	Nottingham	0	40	60·4	57·6
5.	Kew	0	37	62·9	57·9
	Canterbury	0	43	63·5	59·4
	Portsmouth	0	?48	65·0	60·3
6.	Glasgow	0	39	—	—
7.	Newton Rigg	0	35	58·9	55·3(2 ft.)
	Bettws-y-Coed	0	48	57·4	54·6
	Manchester (Oldham Road)	0	46	59·8	57·2
8.	Llangammarch Wells	—	—	59·0	54·0
	Bath	1	30	63·3	—
	Plymouth	0	42	58·7	55·9
9.	Armagh	0	39	61·6	—
	Markree	0	45	60·2	56·6
10.	Dublin, Trin. Coll.				
11.	Guernsey, Brooklyn				

V.—OBSERVATIONS IN THE UPPER AIR.—Temperature, Humidity and Wind Velocity.

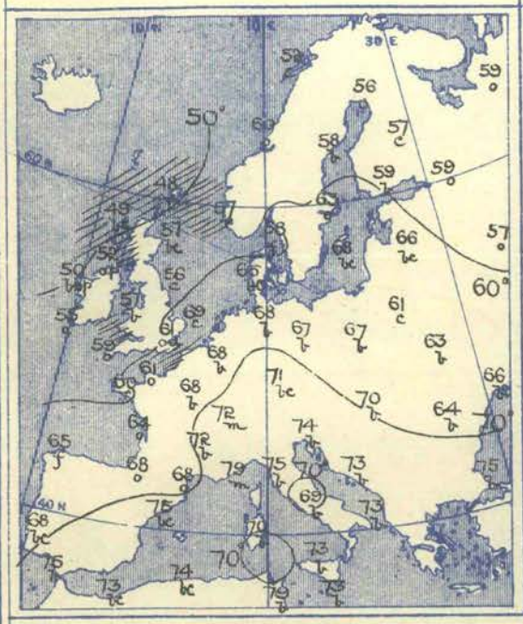
Date of Observation.	Station and its Height above M.S.L.		Heights in feet above Mean Sea Level. Ground Level.	1,660.	3,320.	5,000.	6,660.	8,320.	10,000.	Remarks.
1906.										
July 16th, 11.30 a.m. to 12.50 p.m.	Oxshott, 200 ft.	Temperature F.	70°	59°	56°					One kite. Wire 4,200 ft. Wind very fitful and variable, clouds not reached.
		Humidity	70°	85	95					
		Wind Velocity, m. per hr.	SW, 13	WSW, 25	W by S, 25					
July 16th, 10.25 a.m. to 11.24 a.m.	Ditcham Park, Petersfield, 400 ft.	Temperature F.	65°	57°	52°					One large kite. Greatest height 3,840 ft. Temperature 57°, humidity 80 per cent., wind velocity 49 m. per hour. Inversion at 3 500 ft., 52° to 57°. Fracto.-cumulus moving from SW and strato-cumulus from W, the latter just below the inversion surface.
		Humidity	75	95	100					
		Wind Velocity, m. per hr.	SW,—	W by S, 25	W, 35					
July 17th, 10.40 a.m. to 11.40 a.m.	Brighton, 380 ft.	Temperature F.	68°	61°						Sea fog. Kite lost to sight about 120 ft. above surface. Wind failed above.
		Humidity	100	80						
		Wind Velocity, m. per hr.	WSW, 15	—						
July 19th, 3.30 p.m. to 5.30 p.m.	Brighton, 380 ft.	Temperature F.	59°	53°						Overcast clouds not reached.
		Humidity	70	90						
		Wind Velocity, m. per hr.	WNW, 13	WNW, 20						
July 20th, 10.10 a.m. to 11.10 a.m.	Oxshott, 200 ft.	Temperature F.	60°	51°	44°					One kite. Wire 5,800 ft. Clouds not reached. Max. height 3,800 ft. Temp. 43°. Overcast with a few drops of rain. Sky clear at 12.20 p.m.
		Humidity	80	90	80					
		Wind Velocity, m. per hr.	WSW, 9	W, 20	WNW, 20					

63, Victoria Street, London, S.W.
July 25th, 1906.

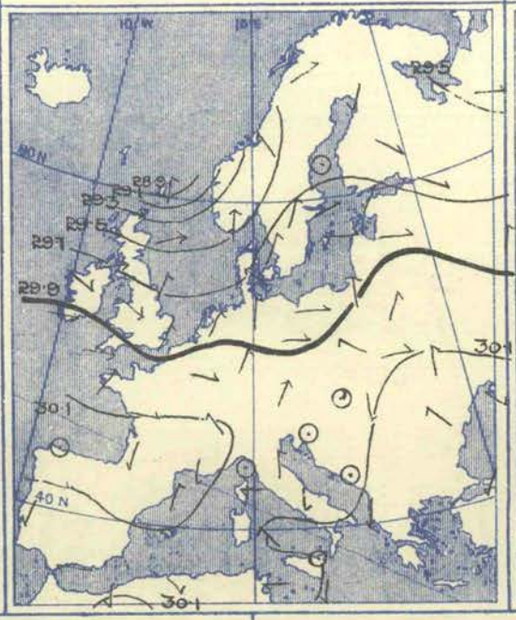
W. N. SHAW,
Director.

Thursday, 19th July, 1906.

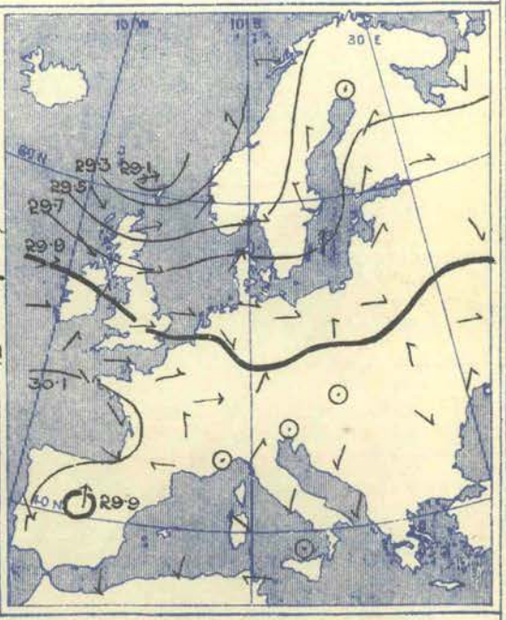
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER in morning fine and bright all over central and south-eastern Europe, together with the countries bordering on the Mediterranean, but generally cloudy or dull from the coast of Spain and the west of France, across these Islands to northern Europe, showers or steady rain falling in scattered places in the latter countries. Rain falling at most of our own stations during day, but amounts not large, 0·4 in. at Sumburgh Head being the greatest. Heavy local fall, 1·1 in., at Buda Pesth.

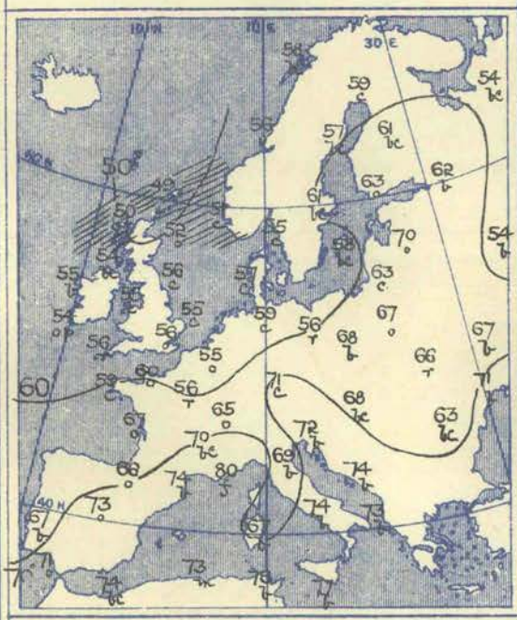
TEMPERATURE at 8 a.m. fallen all over the British Islands and western France, but risen in most of the Continental countries. Highest values, 79° at Aumale, Tunis and Cape Sicié, and 75° at several other stations. Lowest, 50° or below in the extreme north of Scotland. Rising during day to 100° at Aumale, and to upwards of 90° at several French and Italian stations, but not touching 70° in any part of our Islands, no higher than 51° at Sumburgh Head.

WIND Southerly to South-Westerly light on the eastern shores of the North Sea (a gale locally at Skudesnaes) and South-Westerly to Westerly moderate to fresh over the British Isles (a gale in early morning in the north of Scotland), light and very variable over the Continent generally. Little change later beyond a renewal of the gale in the Shetlands.

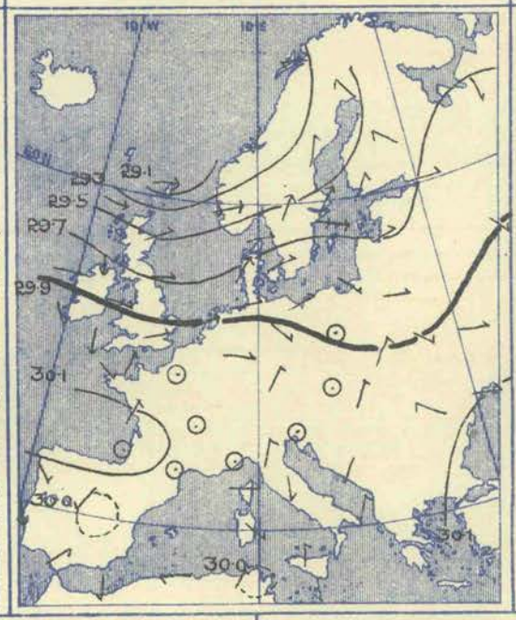
BAROMETER highest, 30·1 ins. and upwards, in two areas over south-western and south-eastern Europe respectively. Lowest, 28·9 ins. and less, in a deep disturbance to the northward of Scotland. Relatively low, 29·5 ins. and less, over the White Sea. Very little change over the Continent later, excepting that a depression appeared over Central Spain. Scotch depression moving northwards slowly, but barometer rising very slightly.

Friday, 20th July, 1906.

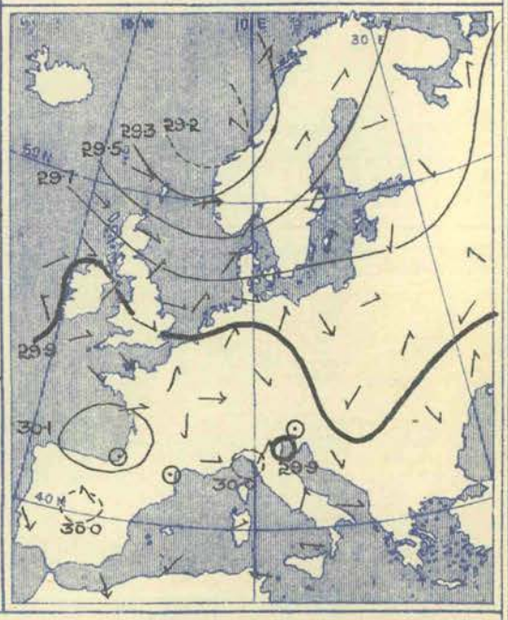
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine and bright in nearly all parts of southern Europe, Russia, and Sweden; cloudy or overcast elsewhere, with sleet showers at Wick, and showers of rain in Scotland generally and also on our extreme south-west coasts. Rain falling at some German and French stations. Slight rain experienced later in various parts of our Islands and larger quantities in Finland and at some stations in central Europe—an inch, with thunder and lightning, at Vienna.

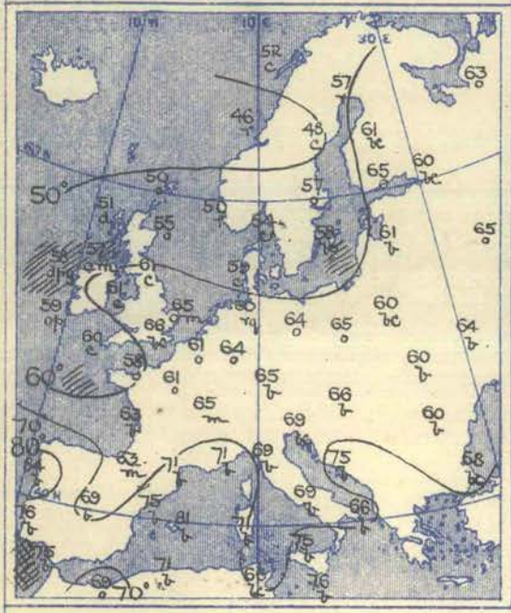
TEMPERATURE fallen in most regions—quickly in Germany. Readings in morning as high as 79° at Sfax, 77° at Malta, and above 70° over the south generally. As low as 46° at Wick and below 50° at other stations in the north of Scotland. Rising later to 77° at St. Petersburg, 86° at Cracow, 90° at Florence, 91° at Lyons, and to 93° at Madrid. Thermometer not touching 70° over our Islands and the Low Countries, and only rising to 62° at Paris.

WIND in morning North-Westerly on our most south-west coasts, but Westerly over the United Kingdom as a whole and strong in force in the Shetlands; drawing into the South-Westward, Southward, and South-Eastward in Scandinavia and blowing a fresh gale at Skudesnaes. Light airs, mainly from some Westerly point, prevailing over the central regions, and light variable airs over the Mediterranean and southern Europe. Little change later as a whole, but a Southerly wind setting in on the south and south-west coasts of Ireland.

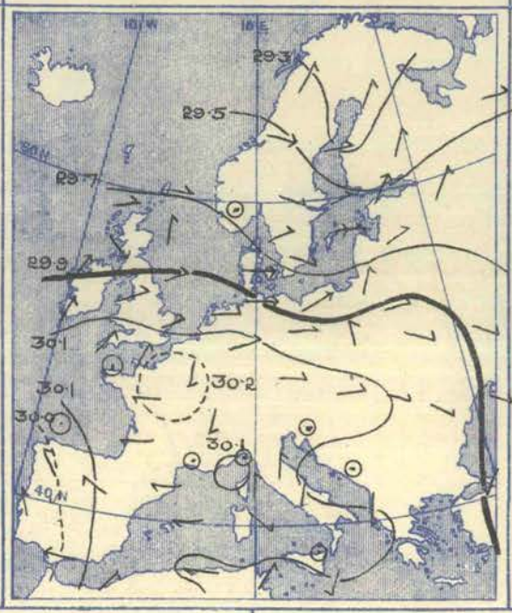
BAROMETER in morning above 30·1 ins. over the Black Sea and also over the north of Spain and the adjacent portion of the Bay of Biscay. Relatively high over the whole of the Mediterranean region, but decreasing to less than 29·1 ins. in a deep depression having its centre to the northward of the Shetlands. Latter system moving north-eastwards later and gradients becoming less steep over Scotland and Scandinavia. A fresh fall commencing in the south of Ireland by evening.

Tuesday, 17th July, 1906.

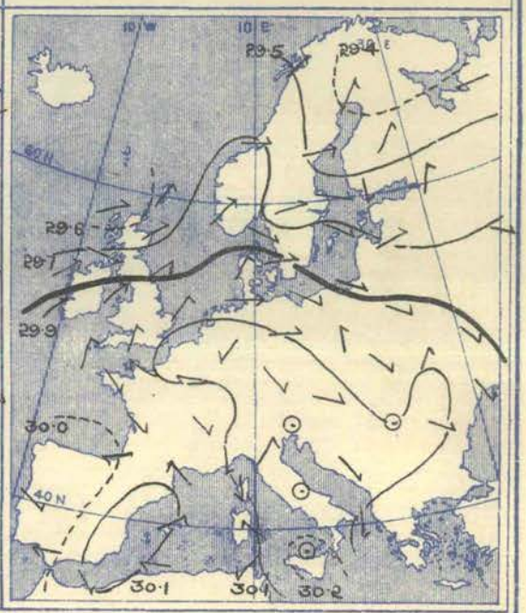
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER in morning fine and bright all over southern and south-eastern Europe, in the south of Scandinavia, and in the home counties of England, dull generally elsewhere, with showers in the west of Ireland and steady rain in the west of Norway and at Cuxhaven. Rain spreading to all the Scotch stations during day, amount being heavy in some places; as much as 3·8 ins. at Fort William, 1·0 in. at Stornoway and 0·9 in. at Nairn, 0·6 in. also at Bodö. Weather in the south of England continuing fine.

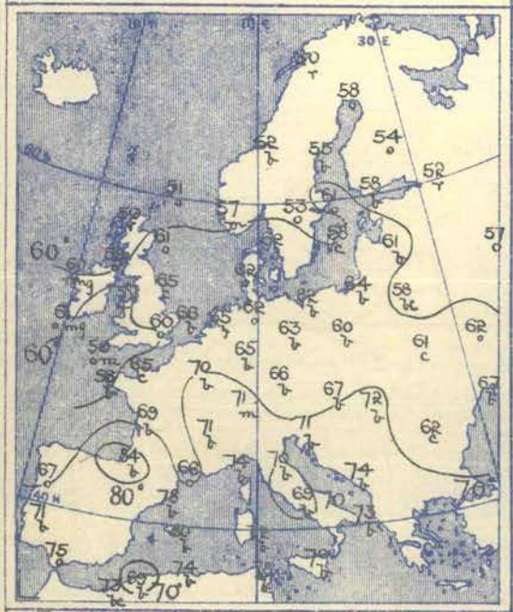
TEMPERATURE at 8 a.m. fallen in Scandinavia, and risen over the British Isles, changes elsewhere slight and irregular. Highest values, 84° at Oporto, 81° at Palma, and about 75° at most of the Mediterranean stations; highest in these Islands, 68° at Clacton-on-Sea. Lowest, 49 at Christiansund, 50° at Skudesnaes and Sumburgh Head and 51° at Stornoway. Rising during day to 77° in London and at Nottingham, to between 81° and 91° over the east and south of France and southern Europe generally; reading of 95° at Aumale.

WIND Westerly or South-Westerly over these Islands and the northern parts of the Continent generally, and strong to a gale over the Baltic Provinces and North Germany. Variable from North to East over southern Europe and the Mediterranean, a moderate gale at San Fernando. Some increase in force of wind at our western stations during day, falling light and variable over the Continent.

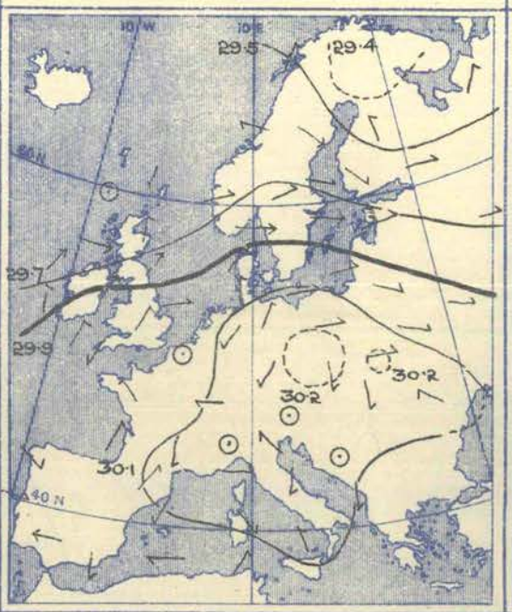
BAROMETER in morning highest, 30·1 ins. to 30·2 ins. and upwards over the south of England, the Channel, France and south Germany, with the Mediterranean and eastern Spain. Lowest, 29·3 ins. and less over northern Scandinavia; relatively low, below 30·0 ins., over Portugal. Pressure giving way during day over western Europe, but rising over the Continent generally; shallow but well marked depression appearing off the north of Scotland in evening.

Wednesday, 18th July, 1906.

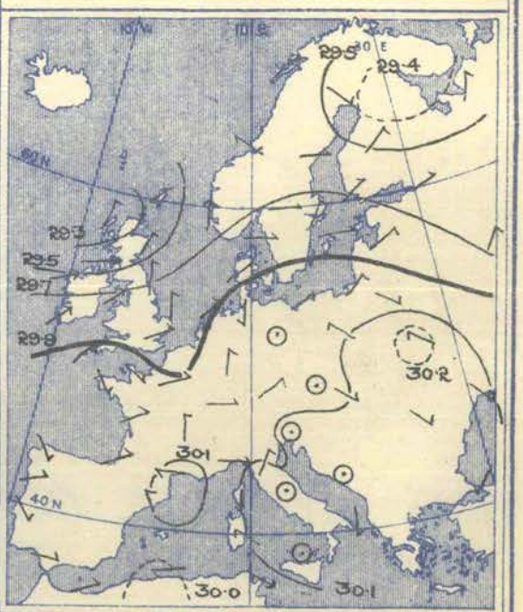
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER in morning fair to very fine and bright in nearly all parts of our area, but dull, with mist or fog, on the southern, western, and northern coasts of the British Isles, raining at Blacksod Point, in the north of Scotland, at Bodö, Faerder and St. Petersburg. The fine weather maintained in most regions during the day, but rain experienced at nearly all home stations and locally over northern Europe, the amounts generally being small, heaviest, ¼ in. in the Hebrides and Shetlands.

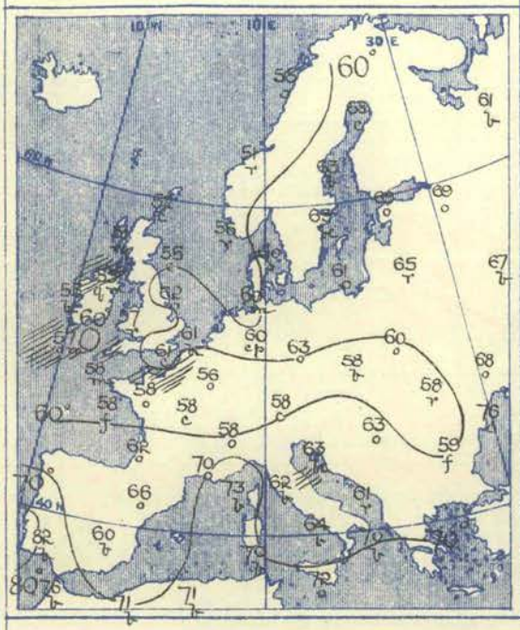
TEMPERATURE at 8 a.m. changed irregularly, fallen decidedly in some localities, risen as decidedly in others. Values ranging from 88° at Bilbao, 84° at Biarritz, and 80° at Palma; 67° at Leith, 66° at Nottingham and 64° at Ulcaborg, to 52° at Wick and St. Petersburg, 51° at Sumburgh Head, and 50° at Stornoway and Bodö. Subsequently the day became very warm, temperature rising to 80° in London, 84° at Margate, and above 90° at many foreign stations 93° at Biarritz, Clermont, and Le Mans, 94° at Limoges, and 99° at Aumale and Bordeaux, but remaining below 60° at a few stations in North Britain and on the Norwegian coast

WIND in morning very light and variable, with calms in many places, over southern England and generally over the western half of the Continent; South-Westerly over the rest of the British Isles, and South-Westerly to North-Westerly over northern Europe. Force very variable, light or moderate in many places, fresh or strong in others, very strong at Blacksod Point and Memel, a fresh gale at Wisby. No great change during the day, but blowing very strongly at Holyhead in the evening.

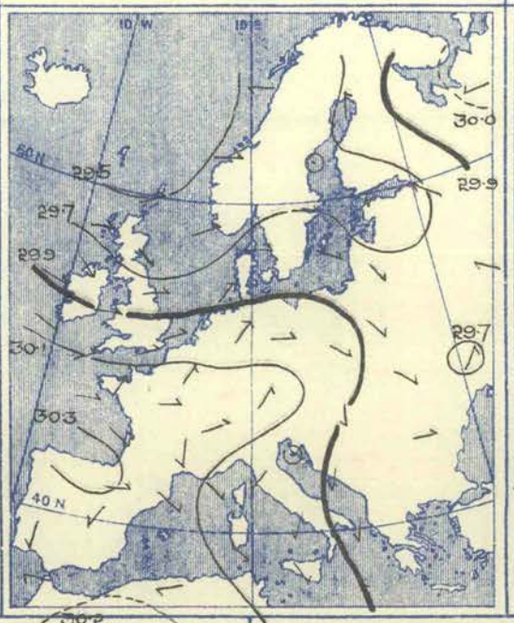
BAROMETER in morning highest, above 30·2 ins., over Austria, in an anticyclone covering a great part of the Continent; lowest, below 29·4 ins., over Lapland and north Finland, and about 29·5 ins. in the north-east of Scotland. No important modification over central and northern Europe, but pressure giving way decidedly over the British Isles, and by evening, in a depression centred off our north-western coasts, the mercury was down to 29¼ in. at Stornoway, and still falling briskly

Sunday, 15th July, 1906.

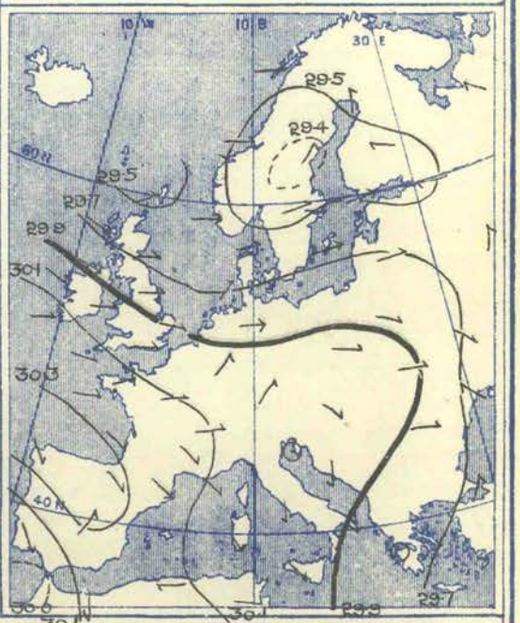
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER in morning cloudy and unsettled over western and central Europe generally, with rain or passing showers in many places. Fine in the southern countries, and also over Sweden and northern Russia. Decided improvement taking place later in these Islands but rain falling in most parts of northern and central Europe, heavily in Sweden and Finland. As much as 1·6 in. reported at Hangö, and 0·8 in. at Helsingfors.

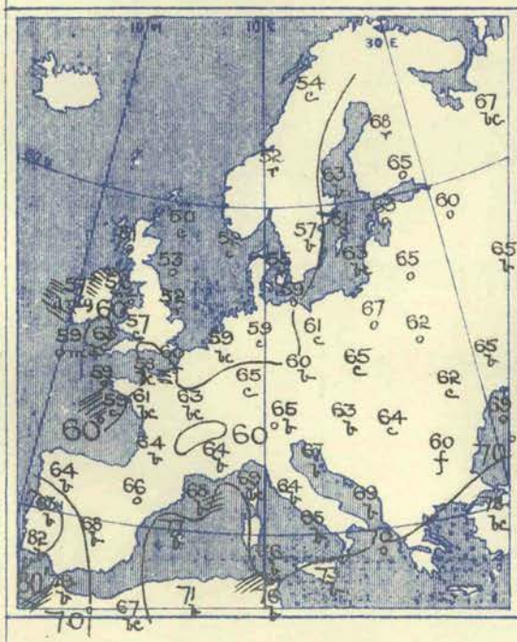
TEMPERATURE risen in these Islands, and also over Germany and central and southern France but fallen elsewhere. Morning readings highest, (1) 82° at Lisbon, 79° at Oporto and 76° at San Fernando; (2) 78° at Nicolaieff and 76° at Odessa, (3) 70° at Ulcaborg and 69° at Helsingfors and St. Petersburg. Lowest, 51° at Christiansund, Stornoway and Nairn and 52° at Sumburgh Head; below 55° in the northern parts of Ireland and Scotland generally. Rising during day to 70° or slightly above it in the east of England, and also in Sweden; exceeding 80° in most parts of southern Europe and exceeding 90° over the Spanish Peninsula, the highest reading reported being 93° at Madrid.

WIND Westerly or North Westerly over these Islands and France, and strong in force on many parts of our western and southern coasts; moderate to fresh from the South-Westward on the eastern shores of the North Sea. Light from North-West in Austria, and from the Northward over southern Europe generally. Subsequently increasing to a strong breeze on several parts of the Scottish coasts; no important change occurring elsewhere.

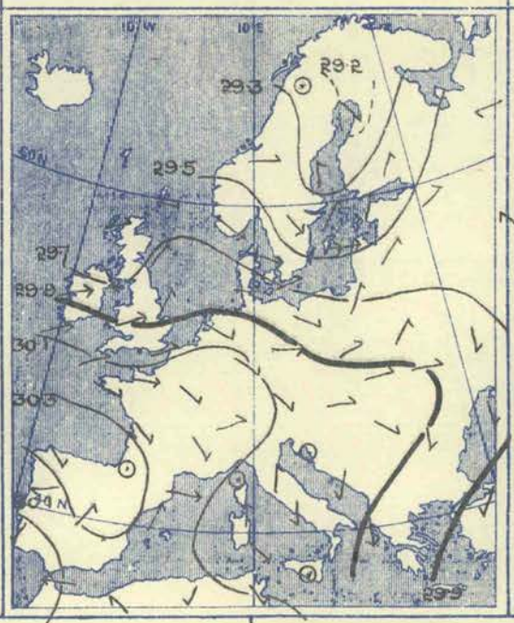
BAROMETER highest, 30·3 ins. and upwards over the north of Spain; 30·1 ins. and upwards in an anticyclone covering the south western parts of the Continent generally; 30·0 ins. and upwards in the extreme north of Russia. Lowest, 29·5 ins. and less in a large area lying to the northward of these Islands; 29·7 ins. and less in a secondary disturbance over the Baltic provinces. Well marked depression developing later over the central parts of Scandinavia; barometer rising slowly over the United Kingdom.

Monday, 16th July, 1906.

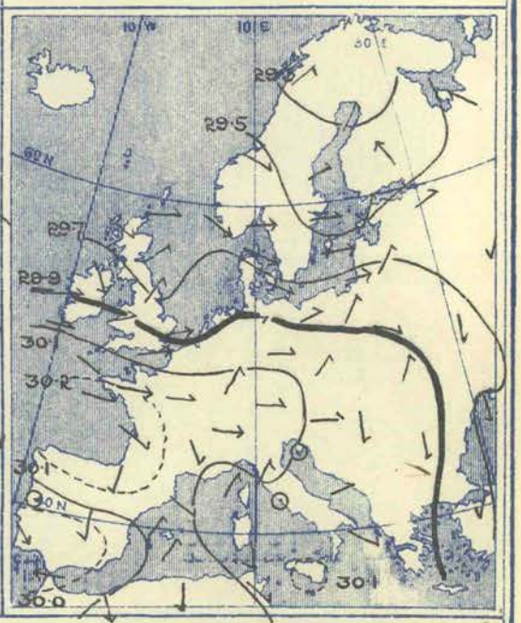
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER in morning fair or fine over Europe as a whole, but more cloudy over Ireland and Scotland, and also over the Baltic Provinces and Finland, with rain and mist over Ireland and the north of England as well as at some of the Scandinavian stations. Rain spreading to Scotland during day but weather continuing fine over the greater part of England.

TEMPERATURE at 8 a.m. fallen over Great Britain as well as in many parts of northern Europe, but risen in other parts of the Continent generally. Highest readings, about 70° over southern Europe as a whole, and above 80° over Portugal. Lowest, 50° to 55° over the northern parts of Great Britain. Rising during day to between 72° and 75° over the eastern part of England, to about 85° in many parts of France and Italy, to 95° at Madrid and Lisbon, and to 99° at Laghouat

WIND light to fresh from West to South-West over the British Islands and the neighbouring parts of the Continent, drawing into South over the Gulf of Bothnia, a gale locally at Wisby, light variable over Russia, and Northerly to North-Easterly over the countries bordering on the Mediterranean, a moderate gale at Brindisi. Westward current increasing to a strong breeze over England later, and gale at Wisby continuing, little change elsewhere.

BAROMETER at 8 a.m. highest, 30·3 ins. and upwards over the southern part of the Bay of Biscay and the north of Spain. Lowest, in a depression over Sweden, minimum reading, 29·13 ins. at Haparanda; secondary disturbance shown off the west of Scotland. Latter system moving north-eastwards during day, and barometer rising in Ireland. Pressure giving way over the Peninsula, and depression forming over the south of Spain.

II.—DATA from which the SUMMARY on page 169 has been calculated.

July 15-21, 1906.

Districts.	Names of Stations.	Temperature. In Degrees Fahrenheit.								Rainfall.			Bright Sunshine.			
		Highest observed.	Lowest observed.	Averages for the Week. Of Highest each day.	Of Lowest each day.	For whole of each day.	Difference of Daily Average from Mean for the Week.	Accumulated Heat for the Week (in Day-degrees). Above 42°	Below 42°	Number of Rain-Days.	Rainfall in the Week.	Difference from the Mean for the Week.	Number of Hours recorded.	Difference from the Mean for the Week.	Percentage of possible duration.	Difference from the Mean for the Week.
		°	°	°	°	°	°	Day-deg	Day-deg		Inches.	Inches.	Hrs.	Hrs.	%	%
O. SCOTLAND, N.	†Sumburgh Head (Deerness)	55	41	53·0	44·9	48·7	− 3·9	47	0	6	1·41	+ 0·86	24·4	− 6·8	20	− 6
	Wick	61	43	57·7	46·0	51·4	− 3·6	66	0	7	1·10	+ 0·47	*	*	*	*
	†Lairg (Strathpeffer) Ⓢ	66	42	58·7	44·7	51·2	− 3·5	64	0	7	3·18	+ 2·49	25·4	− 3·6	21	− 3
	Stornoway Ⓢ	64	43	57·3	45·7	51·1	− 3·5	64	0	7	2·18	+ 1·48	33·4	+ 1·4	28	+ 1
	Glencarron Ⓢ	60	44	55·5	46·8	50·9	− 3·7	62	0	7	6·17	+ 4·89	*	*	*	*
	Fort Augustus Ⓢ	65	45	59·8	47·9	53·4	− 3·1	80	0	5	2·37	+ 1·69	19·4	− 2·8	16	− 2
	Fort William Ⓢ	63	44	58·3	47·6	52·6	− 3·9	74	0	7	6·18	+ 4·98	*	*	*	*
1. SCOTLAND, E.	Nairn	69	45	61·6	47·9	54·3	− 2·5	86	0	7	1·37	+ 0·74	*	*	*	*
	Aberdeen	66	46	63·0	49·6	55·8	− 1·0	97	0	4	0·15	− 0·50	40·0	+ 3·5	34	+ 3
	†Balmoral (Crathes) Ⓢ	68	41	60·9	46·4	53·2	− 1·3	78	0	4	0·27	− 0·37	41·3	—	35	—
	†Clathick (Balruddery) Ⓢ	70	43	63·5	47·8	55·1	− 3·1	92	0	6	0·52	− 0·19	47·4	—	41	—
	†Leith (Edinburgh) Ⓢ	73	46	66·1	50·4	57·7	− 0·9	110	0	4	0·16	− 0·47	46·2	+ 13·7	40	+ 12
	Marchmont Ⓢ	69	41	62·7	47·1	54·4	− 2·1	87	0	3	0·46	− 0·32	52·9	+ 14·9	46	+ 18
2. ENGLAND, N.E. — Northern part.	†Alnwick Castle (Cockle Park)	72	44	67·2	50·7	58·4	+ 0·9	115	0	2	0·05	− 0·58	55·7	—	48	—
	†Shields (Newcastle)	70	44	66·9	49·9	57·8	0·0	111	0	3	0·12	− 0·50	51·8	+ 19·1	45	+ 17
	Durham	72	43	66·5	49·7	57·5	− 1·2	109	0	1	0·06	− 0·61	62·7	+ 25·0	55	+ 22
	Scarborough Ⓜ	74	47	69·6	52·5	60·5	− 1·5	130	0	2	0·05	− 0·55	57·1	—	50	—
	York	74	49	68·3	52·8	60·0	− 0·1	126	0	2	0·08	− 0·53	45·1	+ 5·1	40	+ 5
2. ENGLAND, N.E. — Southern part.	†Spurn Head (Saltburn)	75	51	68·0	54·4	60·7	+ 0·8	131	0	0	0·00	− 0·42	47·4	—	42	—
	†Lincoln (Skegness)	78	45	72·6	52·0	61·6	+ 0·4	137	0	0	0·00	− 0·54	56·4	—	50	—
	†Fulbeck (Rauceby)	76	48	70·9	52·7	61·2	+ 1·0	134	0	1	0·04	− 0·51	51·2	—	46	—
	(Cromer)												50·9	—	45	—
3. ENGLAND, E. — Northern part.	Hillington Ⓜ	78	40	71·7	50·9	60·6	+ 0·1	130	0	1	0·10	− 0·57	42·8	− 2·8	38	− 2
	†Yarmouth (Lowestoft)	76	47	69·4	54·3	61·3	+ 0·9	135	0	4	0·26	− 0·33	50·4	—	45	—
	Geldeston	82	44	72·9	51·9	61·7	+ 1·1	138	0	4	0·30	− 0·25	48·9	+ 0·9	44	+ 1
	(Dunmow)												50·0	—	45	—
3. ENGLAND, E. — Southern part.	Cambridge	79	40	71·8	48·7	59·5	− 2·1	123	0	2	0·06	− 0·50	52·4	+ 5·5	47	+ 5
	Felixstowe	74	46	69·5	54·1	61·3	− 0·3	135	0	3	0·13	—	52·6	—	48	—
	Clacton-on-Sea	74	46	69·4	53·9	61·1	− 1·4	134	0	3	0·16	—	48·8	—	44	—
	Rothamsted	78	42	70·4	51·3	60·2	− 0·2	127	0	3	0·08	− 0·50	49·5	+ 1·3	45	+ 1
	†Shoeburyness (Southend)	78	50	71·7	55·1	62·8	− 0·1	146	0	3	0·08	− 0·33	44·5	—	40	—
	London, Westminster	80	48	71·4	54·4	62·3	− 0·8	142	0	4	0·17	− 0·37	44·6	+ 3·8	40	+ 3
4. MIDLAND COUNTIES. — Eastern part.	Harrogate	72	45	66·4	50·2	57·7	− 0·4	110	0	3	0·31	− 0·32	49·7	—	44	—
	†Bawtry (Worksop)	79	44	71·4	51·4	60·7	+ 0·3	131	0	1	0·02	− 0·55	47·2	+ 9·9	42	+ 9
	Nottingham	77	47	70·7	52·6	61·0	+ 0·3	133	0	1	0·06	− 0·53	45·5	—	41	—
	†Colly Weston (Oundle)	78	45	72·1	50·6	60·6	− 0·8	130	0	3	0·07	− 0·51	50·2	—	45	—
	Birmingham, Edgbaston	74	49	68·0	52·3	59·6	− 0·2	123	0	1	0·05	− 0·53	40·2	—	36	—
	Oxford	79	49	70·1	53·7	61·3	0·0	135	0	3	0·10	− 0·47	42·8	− 2·8	39	− 3
4. MIDLAND COUNTIES. — Western part.	†Cheadle (Sheffield) Ⓜ	73	46	66·1	50·8	57·9	− 0·3	111	0	5	0·20	− 0·49	49·2	—	44	—
	Shrewsbury	75	49	68·7	54·5	61·1	+ 1·0	134	0	3	0·08	—	*	*	*	*
	Hereford Ⓜ	73	45	69·7	51·4	59·9	− 0·7	125	0	1	0·05	− 0·48	*	*	*	*
	Cirencester	77	41	69·3	50·6	59·3	− 0·3	121	0	2	0·10	− 0·53	43·3	− 1·6	39	− 2
	Bath	77	46	69·6	53·7	61·1	− 0·1	134	0	3	0·13	− 0·47	38·3	—	35	—
	(Margate)												49·7	+ 3·0	45	+ 3
5. ENGLAND, S.	Kew	81	48	72·2	54·4	62·7	+ 0·7	145	0	2	0·16	− 0·38	45·4	− 1·3	41	− 1
	Wisley, Surrey	83	45	72·2	53·1	62·0	− 0·7	140	0	4	0·23	—	45·9	—	41	—
	†Swarraton (Ventnor) Ⓜ	78	39	69·4	51·4	59·8	+ 0·1	125	0	4	0·32	− 0·27	23·1	− 26·5	21	− 24
	Tunbridge Wells Ⓜ	81	45	70·2	51·7	60·3	− 0·4	128	0	3	0·23	− 0·31	47·2	− 0·2	43	0
	†Dungeness (Littlestone)	65	46	63·3	53·4	58·0	− 3·3	112	0	3	0·08	− 0·30	45·9	—	42	—
	Hastings	72	49	63·8	53·8	58·5	− 2·6	116	0	3	0·12	− 0·38	35·2	− 18·9	32	− 17
	Southampton	81	49	71·0	52·7	61·2	− 1·3	134	0	5	0·34	− 0·25	34·0	− 16·4	31	− 15
	†Portland Bill (Worthing)	62	54	60·7	55·3	57·8	− 3·3	111	0	4	0·35	—	37·9	—	35	—
	(Eastbourne)												35·8	− 18·2	33	− 17
6. SCOTLAND, W.	Laudale, Loch Sunart	62	46	58·9	48·9	53·6	− 3·5	81	0	7	4·13	+ 2·96	*	*	*	*
	Glasgow Ⓢ	67	45	60·9	49·3	54·7	− 2·8	89	0	7	1·06	+ 0·30	45·5	+ 13·5	39	+ 12
	Dumfries Ⓢ	71	40	65·2	48·6	56·3	− 2·4	100	0	6	0·38	+ 0·37	*	*	*	*
	Cally Ⓢ	68	45	63·3	48·4	55·3	− 2·0	93	0	7	0·96	+ 0·11	*	*	*	*
	Douglas, Isle of Man	63	44	61·3	49·5	55·0	− 2·1	91	0	5	0·49	+ 0·24	42·1	− 2·2	37	− 2
7. ENGLAND, N.W.	Aspatria	65	45	62·0	50·0	55·6	− 2·6	95	0	5	0·78	+ 0·13	41·9	—	36	—
	Newton Rigg	68	43	62·4	48·5	55·0	− 2·3	91	0	5	0·54	+ 0·30	47·2	+ 7·4	41	+ 6
	Stonyhurst	68	46	62·9	49·9	56·0	− 2·4	98	0	5	1·29	+ 0·34	40·4	+ 0·4	36	0
	Blackpool Ⓜ	66	49	62·6	53·8	57·9	− 1·6	111	0	5	0·62	+ 0·06	39·3	− 2·7	35	− 2
	Manchester, Prestwich	72	48	65·4	51·3	57·9	− 0·8	111	0	5	0·78	+ 0·02	36·7	+ 0·3	32	0
	†Liverpool Obs. (Hoylake)	71	51	65·4	53·4	59·0	− 0·8	119	0	3	0·14	+ 0·52	40·8	—	36	—
	†Hawarden Bridge (Southport)	71	51	67·6	54·5	60·6	+ 0·2	130	0	2	0·09	+ 0·47	41·9	—	37	—
NORTH WALES	Llandudno Ⓜ	68	51	65·9	54·5	59·8	− 0·3	125	0	1	0·06	+ 0·54	42·9	+ 1·3	38	+ 1
	†Holyhead (Aberdovey)	64	51	62·3	52·9	57·3	− 1·3	107	0	3	0·13	+ 0·45	25·9	—	23	—
	Bettws-y-Coed	68	49	64·6	53·7	58·8	− 1·3	118	0	5	0·37	—	25·2	—	23	—
SOUTH WALES	Llangammarch Wells	67	41	63·5	50·1	56·3	− 2·5	100	0	4	0·43	—	32·7	—	30	—
	Pembroke	61	53	60·0	54·3	57·0	− 1·7	105	0	2	0·12	+ 0·48	31·4	− 14·7	28	− 13
	†Cardiff (Aberystwyth)	72	45	66·0	52·0	58·5	− 2·6	116	0	3	0·23	+ 0·57	31·0	—	28	—
8. ENGLAND, S.W.	†Clifton (Torquay)	76	52	67·5	55·6	61·1	− 0·8	134	0	2	0·34	+ 0·34	39·9	− 10·1	36	− 9
	†Shaftesbury (Marlborough) Ⓜ	76	49	67·5	51·0	58·7	− 0·9	117	0	4	0·19	+ 0·46	36·4	− 6·3	33	− 6
	†Arlington (Newquay)	72	49	64·4	52·3	57·9	− 0·8	111	0	6	1·11	+ 0·15	*	*	*	*
	Cullompton Ⓜ	76	47	70·5	53·3	61·3	+ 0·2	135	0	5	0·25	+ 0·42	38·1	− 4·2	35	− 4
	Plymouth	67	50	64·3	55·0	59·3	− 1·8	121	0	4	0·52	+ 0·12	16·1	− 31·1	15	− 29
	Falmouth	69	53	66·2	55·3	60·4	+ 0·2	129	0	4	0·50	+ 0·20	21·4	− 29·8	20	− 27
9 IRELAND, N. — Western part.	Malin Head	65	47	60·3	49·6	54·6	− 2·1	88	0	6	0·68	+ 0·03	*	*	*	*
	Edenfel	65	42	60·9	49·7	54·9	− 1·8	90	0	7	0·83	+ 0·04	*	*	*	*
	Blacksod Point	63	48	59·9	52·9	56·2	− 1·5	99	0	7	0·63	− 0·07	*	*	*	*
	Markree Castle	69	44	63·2	50·2	56·3	− 0·6	100	0	6	0·59	− 0·20	27·9	− 1·1	25	− 1
9 IRELAND, N. — Eastern part.	Armagh	68	45	64·1	49·4	56·2	− 1·5	99	0	6	0·42	− 0·28	37·0	+ 5·0	33	+ 4
	Donaghadee	68	44	63·4	49·4	55·9	− 1·5	97	0	6	0·39	− 0·28	*	*	*	*
10. IRELAND, S. — Eastern part.	†Dublin, City (Phœnix Park)	72	50	67·2	54·4	60·4	+ 0·4	129	0	3	0·26	− 0·34	36·7	− 1·0	33	− 1
	Kilkenny	73	46	67·1	53·7	59·9	+ 0·8	125	0	4	0·21	− 0·41	*	*	*	*
	Waterford	73	50	68·1	53·7	60·4	+ 0·7	129	0	1	0·05	− 0·67	*	*	*	*
10. IRELAND, S. — Western part.	Birr Castle	72	47	65·3	52·1	58·2	− 0·2	113	0	4	0·44	− 0·25	32·9	+ 1·9	29	+ 2
	Foynes	68	46	64·5	54·9	59·4	+ 1·8	122	0	7	0·59	− 0·11	*	*	*	*
	Killarney	72	50	66·5	55·1	60·4	+ 1·7	129	0	5	0·51	− 0·25	*	*	*	*
	Valencia	67	53	62·7	55·9	59·1	+ 0·4	120	0	7	0·50	− 0·39	20·2	− 14·1	18	− 13
	†Roches Point (Ballinacurra)	69	52	63·9	54·4	58·8	− 0·7	118	0	3	0·16	− 0·54	*	*	*	—
11. ENGLISH CHANNEL	Scilly, St. Mary's	64	55	62·7	56·9	59·6	− 0·9	123	0	6	0·38	− 0·16	18·5	− 30·7	17	− 28
	†Jersey, St. Aubins (St. Heliers)	76	55	66·9	56·1	61·1	− 1·4	134	0	5	0·34	− 0·19	31·1	− 25·2	29	− 23
	Guernsey	70	54	64·9	54·9	59·6	− 1·4	123	0	5	0·43	− 0·10	27·4	− 30·6	25	− 28

Information for Stations marked Ⓜ is supplied by the Royal Meteorological Society, and that for Stations marked Ⓢ is supplied by the Scottish Meteorological Society.

* An Asterisk is inserted in all places for which the information is not usually given.

† There is no Sunshine Recorder in use at this Station. The figures entered for Sunshine are those recorded at a Station in the same district of which the name is given in brackets.

Additional Sunshine Totals for the week: Ramsgate, 51·6 hrs., 47 %; Brighton, 28·2 hrs. (− 24·6), 26 % (− 22 %); Bournemouth, 31·7 hrs., 29 %; Bognor, 36·3 hrs., 33 %; Rhyl, 41·8 hrs., 37 %; Tenby, 27·9 hrs. (− 19·0) 25 % (− 17 %).

ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE,

AND PUBLISHED FOR H.M. STATIONERY OFFICE BY WYMAN AND SONS, LTD., FETTER LANE, E.C., AND 32, ABINGDON STREET, WESTMINSTER, S.W.; OR OLIVER AND BOYD, EDINBURGH; OR E. PONSONBY, 116, GRAFTON STREET, DUBLIN.

TWENTY-NINTH YEAR. Vol. XXIII. (New Series.) } No. 29. TWENTY-NINTH WEEK, ENDING SATURDAY, JULY 21ST, 1906. [Price 6d. Annual Subscription post paid £1 10s. 0d.

I.—GENERAL REMARKS.

Weather was mostly fair to very fine in the central, southern and western districts, and occasionally very fine in the north and north-west also, but scarcely a day passed without measurable amounts of rain in many parts of the latter regions. Local sea fogs were experienced on our south-western coasts during the early days of the week. Distant thunder was heard at Swarraton on Thursday.

Temperature was below the average generally, but above it in England N.E. and Ireland S. The highest of the maxima occurred on Wednesday in most districts; in England S. the thermometer rose to 83°, in England E. to 82°, and in the Midland Counties to 79°. In Ireland N. and Scotland N. the respective maxima were only 69° and 66°. The lowest of the minima were recorded, as a rule, late in the week and ranged from 39° in England S. and 40° in England E. and Scotland W. to 46° in Ireland S, and to 54° in the Channel Islands.

Rainfall was greatly in excess of the average in Scotland N. and considerably in excess in Scotland W.; in all other districts there was a deficit, the fall in England N.E. and the Midland Counties being particularly slight. On Tuesday and Wednesday an exceedingly heavy fall of rain occurred in the north-west of Scotland, the aggregate amount for the two days being as much as 4·9 ins. at Fort William and 4·4 ins. at Glencarron.

Bright Sunshine was very deficient in the Channel Islands and England S.W. and slightly in England S., Ireland S., and Scotland N.; elsewhere there was an excess. The percentage of the possible duration ranged from 47 in England N.E., 43 in England E. and 40 in the Midland Counties to 27 in Ireland S., 24 in the Channel Islands, and 21 in Scotland N.

Barometer and Wind.—During the whole of the week pressure was highest to the southward of the United Kingdom and low over the north-eastern parts of the Atlantic. Several shallow depressions passed eastwards across the northern districts of our Islands without having much influence on the force of the South-Westerly and Westerly winds. The only serious disturbance was one whose centre lay near the Shetlands on Thursday morning. This was very deep for the time of year and caused fresh or strong Westerly gales on the northern coasts of Ireland and Scotland.

SUMMARY OF TEMPERATURE, RAINFALL, AND DURATION OF BRIGHT SUNSHINE IN THE UNITED KINGDOM, FOR AGRICULTURAL AND SANITARY PURPOSES.

THE WEEK (29th)—July 15th to July 21st, 1906.

DISTRICTS. (See p. 170.)	Temperature. Highest.	Lowest.	Means of: Daily Max.	Daily Min.	Daily Mean.	Difference from Av. (35 Yrs.)	Accumulated. Number of Day-Degrees. Above 42°	Difference from Av. (25 Yrs.)	Below 42°	Difference from Av. (25 Yrs.)	Rainfall. Number of Rain-Days.	Diff. from Av. (35 Yrs.)	Total Fall.	Difference from Average (35 Yrs.)	Sunshine. Hours recorded.	Diff. from Av. (25 Yrs.)	Percentage of Possible Duration	Diff. from Av. (25 Yrs.)
	°	°	°	°	°	°	Day-deg.	Day-deg.	Day-deg	Day-deg.	7		Inches.	Inches.			%	%
0. SCOTLAND, NORTH ..	66	41	57·2	46·2	51·3	− 3·6	65	− 23	0	0	7	+ 3	3·23	+2·41	26	− 3	21	− 2
Eastern 1. SCOTLAND, EAST ..	73	41	63·0	48·2	55·1	− 1·8	92	− 12	0	0	5	+ 1	0·49	−0·19	46	+ 11	39	+ 9
Eastern 2. ENGLAND, N.E. ..	78	43	68·8	51·8	59·7	+ 0·4	124	+ 6	0	0	1	− 2	0·05	−0·53	54	+ 15	47	+13
Eastern 3. ENGLAND, EAST ..	82	40	70·9	52·7	61·2	− 0·3	134	+ 2	0	0	3	0	0·15	−0·41	48	+ 2	43	+ 2
Eastern 4. MIDLAND COUNTIES	79	41	69·3	52·0	60·0	− 0·1	126	0	0	0	2	− 1	0·11	−0·49	45	+ 2	40	+ 2
Eastern 5. ENGLAND, SOUTH ..	83	39	67·9	53·2	60·0	− 1·4	126	− 11	0	0	4	+ 1	0·23	−0·29	40	− 9	36	− 8
Western 6. SCOTLAND, WEST ..	71	40	61·9	48·9	55·0	− 2·5	91	− 15	0	0	6	+ 2	1·40	+0·55	44	+ 6	38	+ 5
Western 7. ENGLAND, N.W. ..	72	43	64·1	52·3	57·8	− 1·3	111	− 7	0	0	4	0	0·48	−0·25	38	+ 1	34	+ 1
Western 8. ENGLAND, S.W. ..	76	41	65·5	53·2	58·9	− 1·2	118	− 7	0	0	4	+ 1	0·41	−0·30	29	− 20	26	−18
Western 9. IRELAND, NORTH ..	69	42	62·0	50·2	55·7	− 1·5	96	− 12	0	0	6	+ 1	0·59	−0·13	33	+ 2	29	+ 2
Western 10. IRELAND, SOUTH ..	73	46	65·7	54·3	59·6	+ 0·6	123	+ 4	0	0	4	0	0·34	−0·37	30	− 4	27	− 4
11. CHANNEL ISLANDS..	76	54	64·8	56·0	60·1	− 1·2	127	− 10	0	0	5	+ 2	0·38	−0·15	26	− 29	24	−26

THE SEASON (**Summer**).—Aggregates, &c., for the Period of 7 Weeks, June 3rd to July 21st, 1906.

0. SCOTLAND NORTH ..	78	33	*	*	*	*	541	0	0	− 4	26	− 1	5·12†	+0·29†	256	+ 18	30	+ 2
Eastern 1. SCOTLAND, EAST ..	82	33	*	*	*	*	655	+ 18	0	− 2	23	− 1	1·95	−2·11	309	+ 33	37	+ 4
Eastern 2. ENGLAND, N.E. ..	80	34	*	*	*	*	759	+ 51	0	− 1	15	− 6	1·67	−1·87	335	+ 45	41	+ 6
Eastern 3. ENGLAND, EAST ..	82	33	*	*	*	*	787	− 17	0	− 1	13	− 7	2·02	−0·95	392	+ 68	49	+ 9
Eastern 4. MIDLAND COUNTIES	81	33	*	*	*	*	780	− 9	0	− 1	15	− 6	2·54	−1·38	336†	+ 55	42	+ 7
Eastern 5. ENGLAND, SOUTH ..	83	34	*	*	*	*	785	− 66	0	0	13	− 7	2·27	−1·17	400	+ 67	51	+ 9
Western 6. SCOTLAND, WEST ..	83	40	*	*	*	*	677	+ 8	0	− 1	23	− 2	3·89†	−1·46†	340	+ 43	41	+ 5
Western 7. ENGLAND, N.W. ..	78	38	*	*	*	*	737	− 2	0	0	20	− 3	2·63	−1·70	346	+ 45	43	+ 6
Western 8. ENGLAND, S.W. ..	78	34	*	*	*	*	760	− 21	0	0	19	− 3	3·10	−1·28	335	+ 13	42	+ 2
Western 9. IRELAND, NORTH ..	78	36	*	*	*	*	656	− 33	0	0	24	− 4	2·98	−1·55	261	+ 5	32	+ 1
Western 10. IRELAND, SOUTH ..	79	36	*	*	*	*	794	+ 34	0	0	27	+ 2	3·41	−1·21	273	− 11	34	− 1
11. CHANNEL ISLANDS..	78	44	*	*	*	*	829	− 13	0	0	14	− 8	1·67	−1·80	391	− 2	50	0

THE YEAR.—Aggregates, &c., for the period of 29 Weeks, December 31st, 1905, to July 21st, 1906.

0. SCOTLAND, NORTH ..	78	8	*	*	*	*	843	−132	646	+ 87	144	+21	30·02†	+5·82†	728†	− 8†	27†	0
Eastern 1. SCOTLAND, EAST ..	82	11	*	*	*	*	1086	− 72	624	+ 20	116	+13	15·99	+0·55	915	+ 81	34	+ 3
Eastern 2. ENGLAND, N.E. ..	80	18	*	*	*	*	1326	+ 81	464	− 22	102	+ 7	10·94	−1·43	977	+ 69	37	+ 3
Eastern 3. ENGLAND, EAST ..	82	23	*	*	*	*	1442	− 39	413	−119	95	+ 2	12·14	+0·18	1068	+127	41	+ 5
Eastern 4. MIDLAND COUNTIES	81	18	*	*	*	*	1453	− 34	486	− 56	100	+ 6	12·75†	−1·11†	924	+ 85	35	+ 3
Eastern 5. ENGLAND, SOUTH ..	83	20	*	*	*	*	1499	−100	351	− 39	100	+ 8	14·40	+0·99	1106	+138	42	+ 5
Western 6. SCOTLAND, WEST ..	83	14	*	*	*	*	1195	− 39	419	− 2	119	+ 9	25·42†	+1·77†	916	+ 56	35	+ 2
Western 7. ENGLAND, N.W. ..	78	16	*	*	*	*	1293	− 74	379	− 13	112	+12	18·94	+2·87	911	+ 58	35	+ 2
Western 8. ENGLAND, S.W. ..	78	19	*	*	*	*	1456	− 72	327	+ 31	113	+14	22·38	+3·67	1013	+ 82	39	+ 3
Western 9. IRELAND, NORTH ..	78	20	*	*	*	*	1183	−162	355	+ 1	143	+21	20·47	+2·33	801	− 8	30	0
Western 10. IRELAND, SOUTH ..	79	24	*	*	*	*	1546	− 27	264	0	131	+20	19·41	−1·25	887	− 36	34	− 1
11. CHANNEL ISLANDS..	78	27	*	*	*	*	1671	− 90	79	− 35	114	+ 8	15·32	−0·75	1149	+ 12	44	+ 1

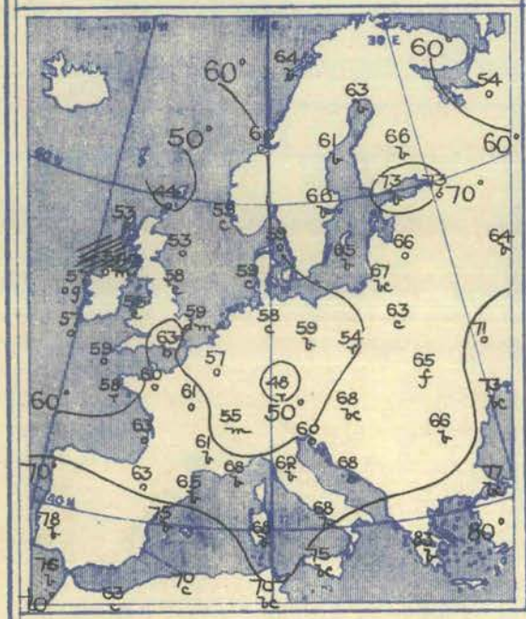
† Corresponding values for some previous weeks have been altered owing to the receipt of further information.

Bright Sunshine.—For certain of the Districts the values of Bright Sunshine in this Table are based on the records from a part only of the Stations included in the Tables under II. and IV. For certain of the Stations Mean Values are not available, and for the Districts containing these Stations the "Difference from Average" is based on the records from a smaller number of Stations than those supplying the values for "Hours Recorded."

5049 370 Wy. & S. Ltd. 7 | 06

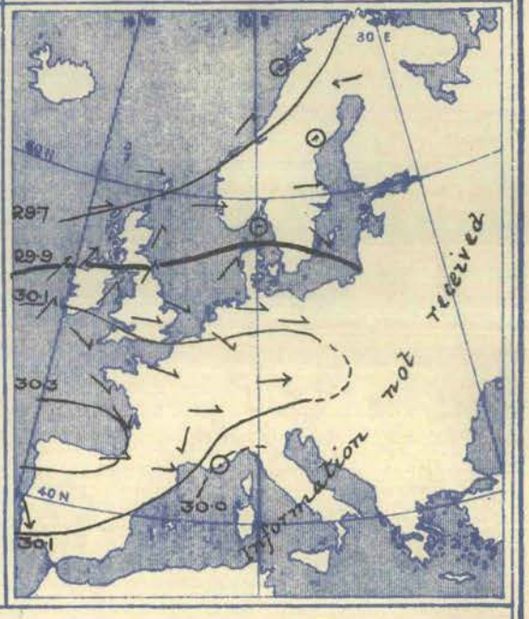
Saturday, 14th July, 1906.

Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.

6 p.m.



WEATHER in morning fine over the southern parts of the United Kingdom and also over Finland, the north of Sweden, and southern and eastern Europe generally—cloudy or dull elsewhere, with rain at Brest, as well as in south Germany and western Austria. Rain falling later in all the more western and northern parts of the United Kingdom, and also in the west of Norway and in some portions of France and Germany.

TEMPERATURE risen over England, France, and the Netherlands, fallen in Ireland and Scotland as well as in most parts of Germany, Austria, and Italy. Morning readings highest, (1) 83° at Athens, 79° at Patras, and 77° at Constantinople; (2) 78° at Oporto and Lisbon and 76° at San Fernando; above 70° over the Gulf of Finland. Lowest, 49° at Sumburgh Head, 51° at Wick, and 53° at Stornoway and Aberdeen; below 60° in all but the extreme southern parts of the United Kingdom. Rising during day to 70° and upwards at many of the English stations, and reaching 75° in London. Exceeding 75° in many parts of Sweden, and also in the south of France, and reaching 81° at Perpignan.

WIND light to moderate from the Westward or South-Westward over these Islands and the neighbouring portions of the Continent, but Southerly over Denmark and the greater part of Scandinavia. Easterly in northern Russia, but North-Westerly in western Russia, Germany, and Austria, as well as in the west and south of France; variable over Italy and central France. No important change occurring over western Europe during day.

BAROMETER highest, 30·2 ins. and upwards in an anticyclone lying over the Bay of Biscay, the south-west of France, and the north of Spain; 30·1 ins. and upwards in another system over the extreme north of Russia. Lowest, 29·8 ins. and less in a large depression off the north of Scotland, in another disturbance over the south of Russia, and in a small system over Hungary. No decided change in distribution of pressure occurring later.

IV.—TEMPERATURE on the Grass, and in the Ground.

STATION.	Grass Min. No. of Obs. of 30° or less.	Grass Min. Lowest reading.	Mean Earth Temp. At 1 foot.	Mean Earth Temp. At 4 feet.
		°	°	°
2. York	—	—	59·6	55·2
2. Hull	0	38	59·9	56·4
3. Cambridge	0	38	—	—
3. Dunmow	0	40	—	—
4. Harrogate	0	37	57·2	54·8
4. Sheffield	0	38	59·2	53·6
4. Birmingham	0	33	55·6	51·8
4. Nottingham	0	39	61·9	57·8
5. Kew	0	36	62·3	57·2
5. Canterbury	0	44	63·6	58·6
5. Portsmouth	0	40	64·6	60·0
6. Glasgow	0	35	—	—
7. Newton Rigg	0	33	60·3	55·2
7. Bettws-y-Coed	0	40	57·0	54·1
7. Manchester (Oldham Road)	0	42	60·1	57·1
8. Llangammarch Wells	—	—	58·9	53·8
8. Bath				
8. Plymouth	0	40	63·8	—
9. Armagh	0	34	58·9	55·7
9. Markree	0	41	61·1	—
10. Dublin, Trin. Coll.	0	43	59·5	56·2
11. Guernsey, Brooklyn	0	44	63·4	59·7

V.—OBSERVATIONS IN THE UPPER AIR.—Temperature, Humidity and Wind Velocity.

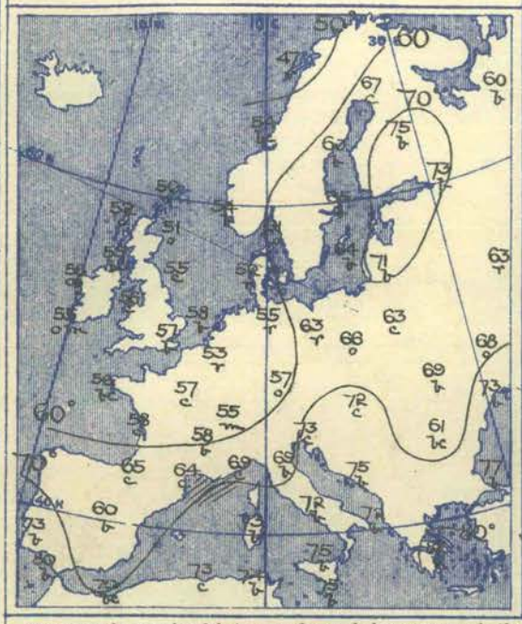
Date of Observation.	Station and its Height above M.S.L.		Heights in feet above Mean Sea Level. Ground Level.	1,660.	3,320.	5,000.	6,660.	8,320.	10,000.	Remarks.
1906. July 13th. 11.3 a.m. to 12.32 p.m.	Brighton, 380 ft.	Temperature F.	65·5°	54°						Detached Clouds.
		Humidity	70	90						
		Wind Velocity, m. per hr.	W	W by N, 25						
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								
		Temperature F.	No wind at Oxshott to raise a kite.							
		Humidity								
		Wind Velocity, m. per hr.								
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								

63, Victoria Street, London, S.W.
July 13th, 1906.

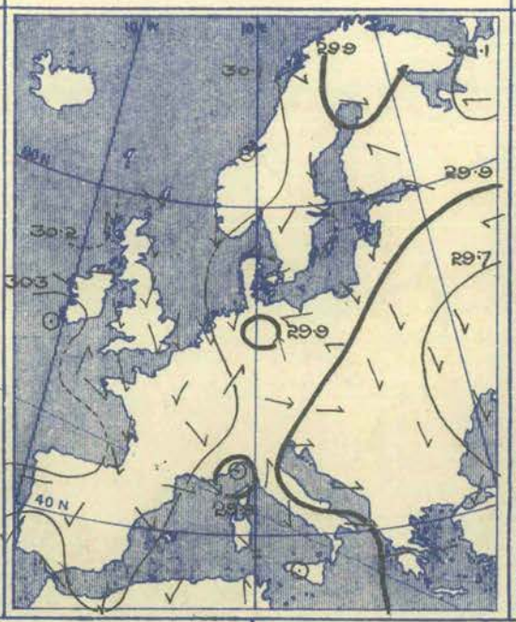
W. N. SHAW,
Director.

Thursday, 12th July, 1906.

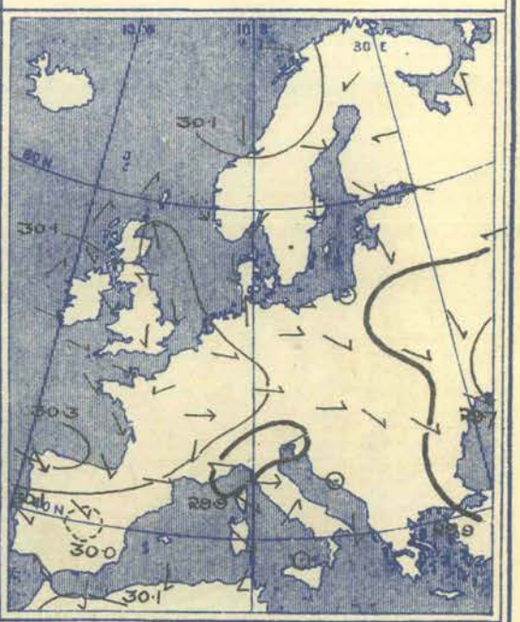
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER in morning fair to very fine and clear over nearly the whole of our area, but overcast at some of our extreme western and northern stations, raining in the Low Countries and thence to Bohemia, also at Barcelona, Moscow, and Bodö. Continuing fine generally throughout the day, light showers falling at some home and foreign stations, rather heavy rain in a limited area beyond the North Sea, 0·7 ins. at Cuxhaven, 0·8 ins. at Brussels, and 0·9 ins. at Groningen. Thunderstorms occurred at a few stations in the south of England and in France.

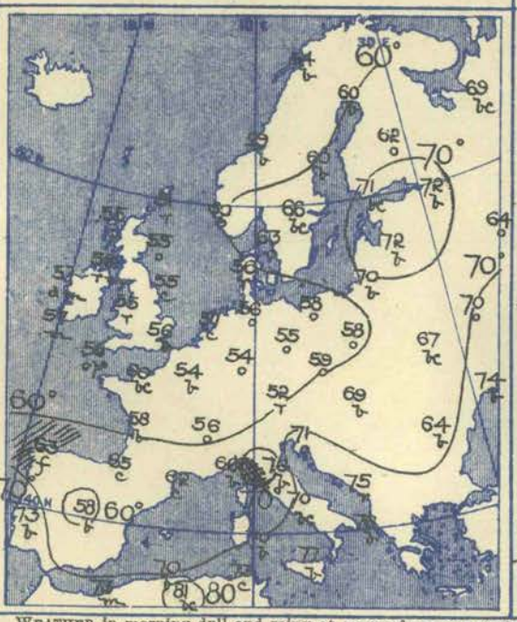
TEMPERATURE at 8 a.m fallen at the great majority of stations, very decidedly at some, especially in the south of France. Highest readings (1) 82° at Athens, 81° at Sfax, and 80° at San Fernando; (2) 75° at Kuopio, 73° at St. Petersburg and Helsingfors, and 71° at Memel. Below 60° at nearly every home station, and over Norway and the western portion of the Continent. Lowest 50° at Wick and Sumburgh Head, and 47° at Bodö. Afternoon maxima above 80° at many southern stations, 91° at Tunis and San Fernando, 95° at Aumale, and 104° at Laghouat. St. Petersburg registered 86°. In the British Isles only Nairn touched 70°, several places not exceeding 60°, Sumburgh Head 52°.

WIND very variable in direction throughout the day, circulating round a large number of high and of low pressure areas; as a rule moderate to very light in force, but a few isolated situations in the northern, western and south-western parts of the Continent experiencing a fresh or strong breeze from about North or North-West.

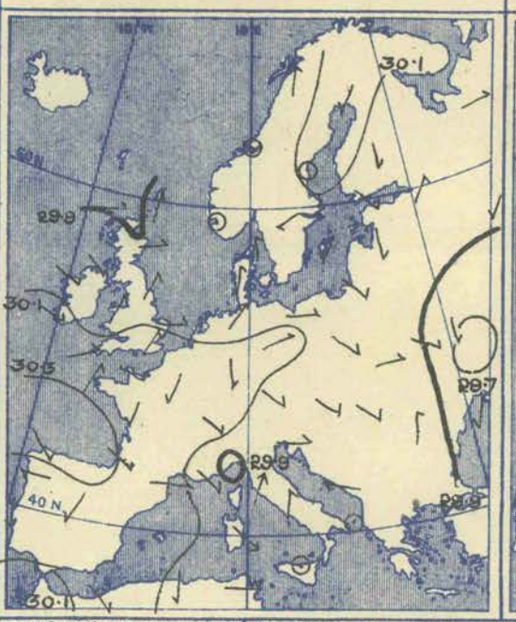
BAROMETER in morning and evening highest, above 30·3 ins., in an anticyclone having its central space off our south-western coasts and down the Bay of Biscay; lowest, below 29·7 ins., in a depression over southern Russia and the Black Sea. Shallower high pressure systems near the Norwegian coast and to the extreme north-east of Russia; and four shallow low pressure nuclei forming a chain from the south of Spain to the Gulf of Genoa, north-west Germany and Lapland.

Friday, 13th July, 1906.

Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.

WEATHER in morning dull and rainy at many of our own western and northern stations, but fine over the greater part of England and the Continent. Cloudy and unsettled in Denmark, Germany, and the east of France, with rain at Fanö, Munich, and Belfort, and also at Warsaw. Rain falling later in all but the extreme eastern and south-eastern parts of the United Kingdom, as well as in France, Germany, and the Netherlands—heavily at Munich.

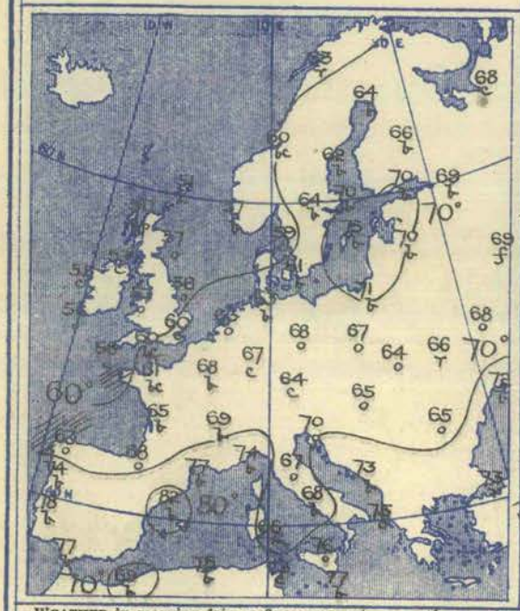
TEMPERATURE risen in most parts of these islands, and also in Scandinavia, Denmark, and the Netherlands, fallen over central and southern Europe. Morning readings highest, 81° at Aumale, 77° at Palermo, and 76° at Leghorn and Brindisi; above 70° in most parts of southern Europe, and also over western Russia. Lowest (1) 51° at Sumburgh Head and 53° at Wick and Liverpool; (2) 51° at Limoges and 52° at Aix-la-Chapelle and Munich. Rising during day to between 66° and 70° at most of our own northern and eastern stations, as well as in France, Belgium, and Germany, but failing to exceed 60° in the west and extreme north of these Islands.

WIND light from the Westward or South-Westward in most parts of Great Britain, but from the North-Westward in Ireland. Northerly or North-Westerly over a considerable portion of western, northern, and central Europe, but Southerly in Denmark, and calm in the west of Norway. Chiefly Southerly or South-Westerly in Italy, but Easterly or North-Easterly over the Spanish Peninsula. No important change occurring during day.

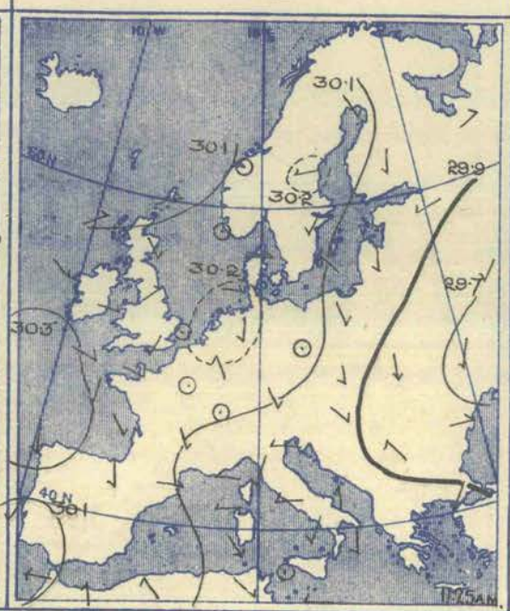
BAROMETER highest 30·2 ins. to 30·3 ins. and upwards in an anticyclone lying over the Bay of Biscay, the greater part of France, and the northern and central parts of Spain; 30·1 ins. and upwards in another area over the Gulf of Bothnia and the north of Sweden. Lowest, 29·7 ins. and less in a depression over the south of Russia; 29·9 ins. and less in two other disturbances, one lying over the north of Scotland and the other over the extreme south of France. Depression over our own northern coasts subsequently moving slowly eastwards, and barometer rising slightly at all our extreme western stations.

Tuesday, 10th July, 1906.

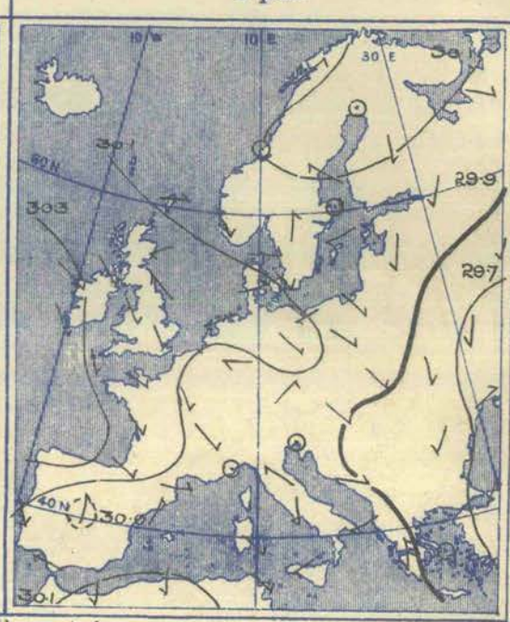
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER in morning fair or fine over western, northern and southern Europe as a whole, but dull in the south of Ireland, and also in Wales and the north of England; fog prevailing on the French side of the Channel. Dull in the eastern and central parts of the Continent, with rain at Lemberg and Constantinople. Showers falling later in several parts of the United Kingdom, and considerable quantities of rain at some of the Continental stations, as much as 1·0 in. at Havre. Thunderstorms occurring at Nancy.

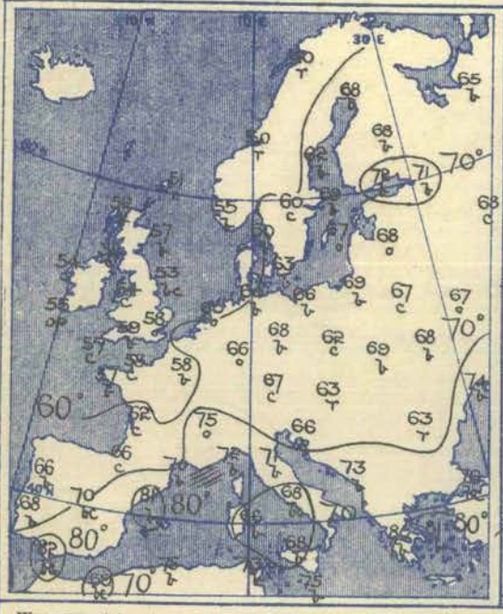
TEMPERATURE fallen in these islands, risen at most of the Continental stations. Morning readings highest, 82° at Barcelona, 78° at Lisbon, and 77° at San Fernando and Perpignan, above 70° over southern Europe generally, as well as at several of the Baltic stations. Lowest, 50° at Stornoway, 51° at Sumburgh Head, and 53° at Malin Head, Donaghadee, and Bodö; below 60° in all but the south-eastern parts of the United Kingdom. Rising during day to between 70° and 75° in the south and south-east of England; exceeding 75° in Germany and the south of Sweden, and exceeding 80° in nearly all parts of southern Europe, the highest reading reported being 95° at Madrid.

WIND light from the Westward on most of our own northern coasts, and from the North-Westward or Northward in the south of these islands, as well as over the greater part of France, Spain, Italy and Austria. South-Easterly over the Netherlands and Westerly in Denmark, but Easterly or North-Easterly at most of the Swedish stations. Veering later to the North-Westward on many parts of our north coasts; no important change occurring elsewhere.

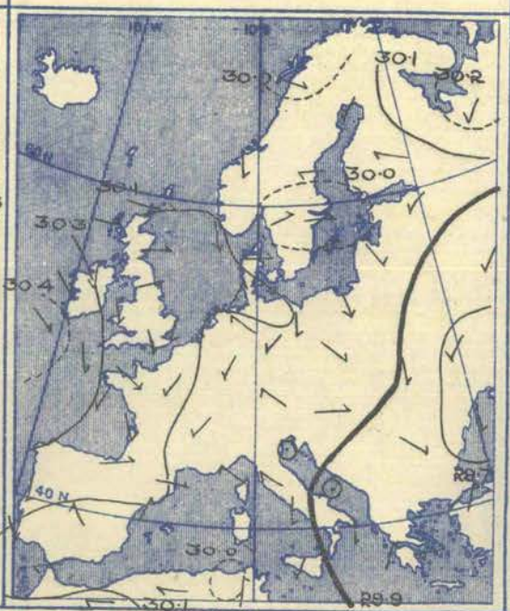
BAROMETER highest, 30·3 ins. and upwards in an area lying to the south-westward of our islands; 30·1 ins. and upwards in an anticyclone covering the greater part of western, northern and central Europe. Lowest, 29·7 ins. and less in a shallow depression over the south of Russia. Slight irregularities in pressure appearing later in various parts of Great Britain; Russian depression increasing in size, but moving southwards.

Wednesday, 11th July, 1906.

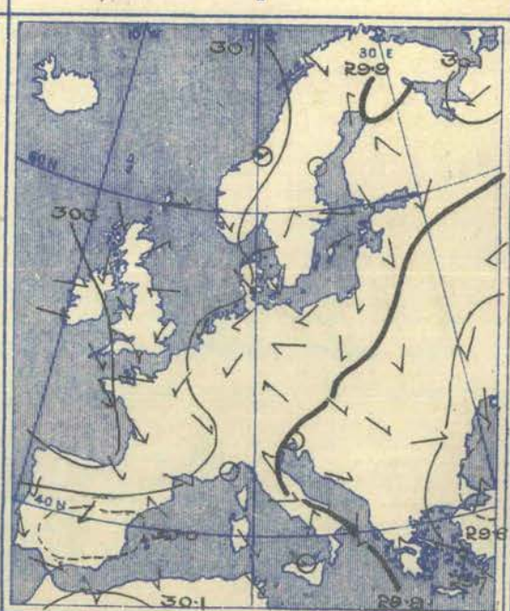
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. overcast at some of our western, northern and south-eastern stations, over the Low Countries, and at a few isolated stations in other regions, showery at Valencia and Stornoway, raining on the west coast of Norway and in various parts of Austria, elsewhere fair to very fine and bright. Rather more variable during the day, with thunderstorms in south-eastern England and at some French stations, and rain falling in many countries, heavily at a number of stations, the amounts ranging upwards to 1·2 ins. at Hamburg and Moscow, 1·4 ins. at Groningen, 1·5 ins. at Utrecht, and 2·2 ins. at Bodö.

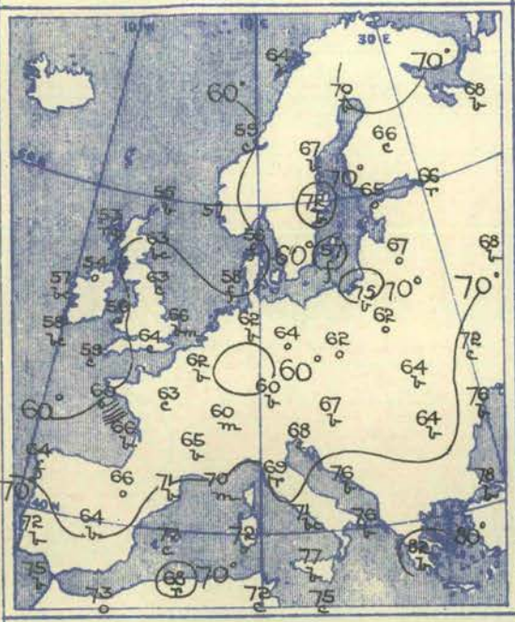
TEMPERATURE in morning fallen generally, but risen slightly over the Finland region and at some Mediterranean and central European stations. Highest readings (1) 82° at San Fernando, 81° at Athens and Barcelona, 80° at Patras; (2) 72° at Helsingfors and 71° at St. Petersburg; below 60° at nearly all home stations, in northern France, the Netherlands and Norway. Lowest, 52° at Stornoway and Nairn, 51° at Sumburgh Head, and 50° at Christiansund and Bodö. During day rising to 90° and upwards in the far south, 98° at San Fernando, 99° at Madrid; to 81° at St. Petersburg and Berlin, and 79° at Haparanda, but much cooler in western Europe, several home and Norwegian stations remaining below 60°.

WIND throughout the day rather variable in direction over northern Europe and the Mediterranean, elsewhere mainly from between North-West and North-East, as a rule very light to moderate in force, but a fresh or strong breeze reported at a few widely separated stations.

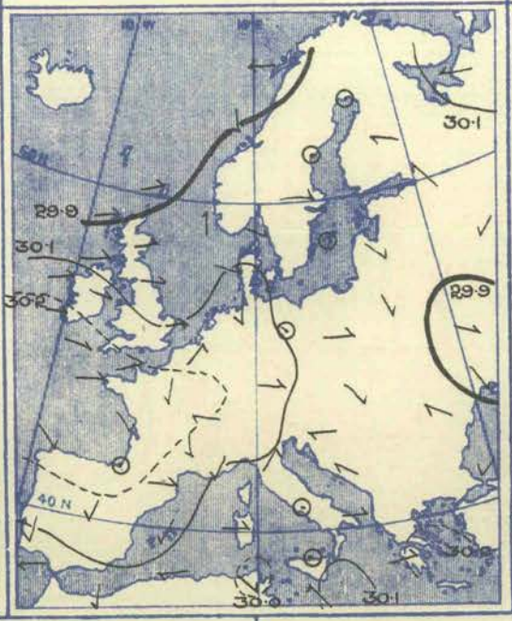
BAROMETER undergoing very little variation in the course of the day. Highest, above 30·4 ins. in an anticyclone centred outside our south-western coasts, and above 30·2 ins. in another, over the extreme north-east of Russia. Lowest, below 29·6 ins., in a depression over southern Russia, Turkey and the Black Sea, and about 30 ins. in shallow depressions over southern Spain and southern Sweden.

Sunday, 8th July, 1906.

Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.

WEATHER in morning fair or fine as a whole, but dull in several parts of England, as well as at several central European stations, with rain at Stornoway, also at St. Petersburg, Florence, and Algiers and fog at Cape Gris Nez, Frankfort, and on the Danish coasts. Rain later on our extreme north and north-western coasts, and at a few isolated Continental stations, as much as 1·10 in. at St. Petersburg.

TEMPERATURE risen a little in most places. Morning readings, highest (1) 82° at Athens, 70° or above at several Southern European stations; (2) 75° at Memel, 72° at Uleaborg and Stockholm, 70° at Haparanda, above 60° except in Denmark, the west of Norway, and over the western and northern parts of the United Kingdom. Lowest, 53° at Stornoway, 54° at Malin Head, and 56° at Skagen. Rising subsequently to between 70° and 75° in many parts of Great Britain, to 76° at Nottingham and Oxford, to above 80° over central and southern Europe, as well as over Sweden and the Baltic. A maximum of 84° recorded as far north as Haparanda.

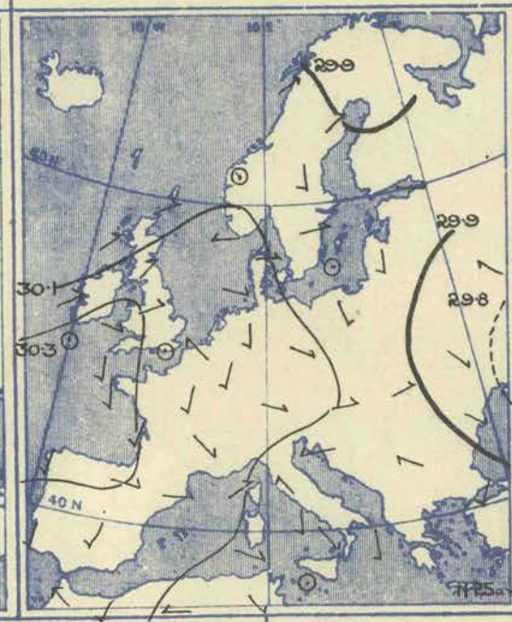
WIND light to moderate from West or South-West over north-western Europe, mainly Northerly over France and the Spanish Peninsula, Northerly and North-Westerly over Russia and the central regions, light and very variable elsewhere. No material change later.

BAROMETER highest, 30·2 ins. and upwards in an anticyclone lying over France, the Bay of Biscay, the north of Spain, and the extreme south-west of these islands, and 30·1 over northern Russia. Lowest, 29·9 ins. and less in two shallow areas, one lying to the northward of these islands, the other over southern Russia. Northern disturbance travelling to the north-eastward later, Russian depression passing away to the eastward.

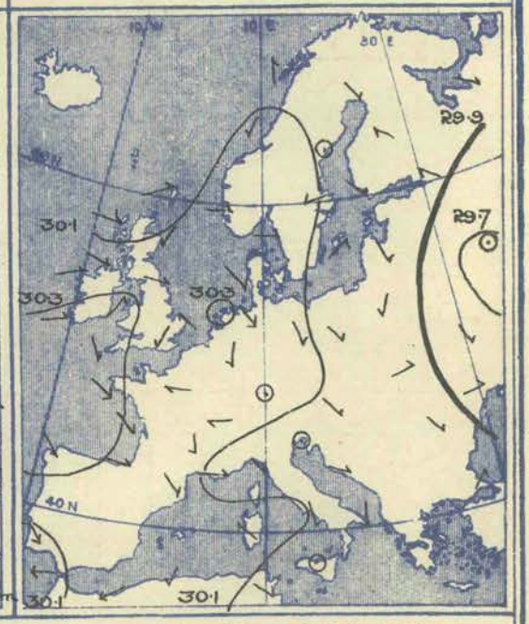
Monday, 9th July, 1906.

Temperature and Weather 8 a.m.

Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER in morning fair to very fine in nearly all parts of Europe and north Africa, but rain falling at Lemberg and St. Petersburg, slight drizzle at Stornoway, and the atmosphere foggy on both sides of the Straits of Dover and on the Danish coast. The day continuing fine in most regions, but small quantities of rain being measured locally in Ireland, Scotland, Scandinavia and between Munich and Moscow, the largest amount reported 0·4 in. at Faerder and Karlstad.

TEMPERATURE at 8 a.m. changed somewhat irregularly at home and abroad. Highest values (1) 84° at Madrid, 82° at Barcelona, 78° at Brindisi, 77° at Lisbon, Oporto, and Odessa; (2) 73° at Moscow, 72° at Neufahrwasser, 71° at Memel, and 70° at Haparanda. Lowest, below 60° at most home stations, in Brittany, Denmark, and Norway, 55° at Roche's Point, Donaghadee, Wick and Stornoway, 54° at Bodö, and 52° at Sumburgh Head. In the afternoon rising to 80° and upwards at most stations in southern Europe and north Africa, reaching 104° at Perpignan, 100° at Laghouat, 93° at Cette and 91° at Lisbon; exceeding 70° over Sweden, 79° at Stockholm. Maximum in the Hebrides and Shetlands 56°, and at Bodö 55°.

WIND during the day light or moderate from South-West or West over the northern half of the British Isles, but elsewhere, in the absence of a decided pressure gradient, the direction very variable, calms and light airs predominating. Towards evening, however, blowing rather strongly on the western and southern coasts of the Spanish Peninsula.

BAROMETER in morning and evening highest, above 30·3 ins. over our south-western districts and down the Bay of Biscay, in the central space of an extensive anticyclone occupying the greater portion of our area; lowest, about 29·7 ins., in a depression over southern Russia. A depression indicated out in the direction of Iceland. The changes of pressure during the day very slight.

II.—DATA from which the SUMMARY on page 163 has been calculated.

July 8-14, 1908. Districts.	Names of Stations.	Temperature. In Degrees Fahrenheit.								Rainfall.			Bright Sunshine.			
		Highest observed.	Lowest observed.	Averages for the Week. Of Highest each day.	Of Lowest each day.	For whole of each day.	Difference of Daily Average from Mean for the Week.	Accumulated Heat for the Week (in Day-degrees). Above 42°	Below 42°	Number of Rain-Days.	Rainfall in the Week.	Difference from the Mean for the Week.	Number of Hours recorded.	Difference from the Mean for the Week.	Percentage of possible duration.	Difference from the Mean for the Week.
		°	°	°	°	°	°	Day-deg	Day-deg		Inches.	Inches.	Hrs.	Hrs.	%	%
0. SCOTLAND, N.	†Sumburgh Head (Deerness)	58	45	55·3	46·7	50·7	− 1·6	61	0	5	0·28	− 0·25	34·2	+ 2·2	28	+ 2
	Wick	65	43	60·3	46·9	53·1	− 1·6	78	0	4	0·53	− 0·03	*	*	*	*
	†Lairg (Strathpeffer) ℌ	70	35	65·9	43·9	54·1	− 0·7	85	0	5	0·27	− 0·41	45·4	+ 14·0	38	+ 12
	Stornoway ℌ	60	44	58·3	49·4	53·5	− 1·1	81	0	6	1·05	+ 0·38	35·8	+ 0·2	29	0
	Glencarron	63	37	58·0	46·8	52·0	− 2·8	70	0	6	0·98	− 0·22	*	*	*	*
	Fort Augustus	68	36	63·5	46·7	54·5	− 2·0	88	0	3	0·16	− 0·48	26·9	+ 2·2	22	+ 2
	Fort William ℌ	65	37	60·7	46·6	53·2	− 3·6	78	0	5	0·92	− 0·18	*	*	*	*
1. SCOTLAND, E.	Nairn	70	39	65·1	46·1	54·9	− 1·9	90	0	6	0·35	− 0·25	*	*	*	*
	Aberdeen	71	46	64·7	50·0	56·8	+ 0·1	104	0	4	0·35	− 0·28	42·2	+ 4·2	35	+ 4
	†Balmoral (Crathes) ℌ	65	34	62·6	42·8	52·0	− 2·5	70	0	5	0·12	− 0·49	47·2	—	39	—
	†Clathick (Balruddery) ℌ	73	39	67·0	46·0	55·8	− 2·4	97	0	3	0·36	− 0·34	50·4	—	42	—
	†Leith (Edinburgh)	69	47	66·9	51·4	58·6	− 0·0	116	0	5	0·47	− 0·13	46·9	+ 14·2	40	+ 12
	Marchmont ℌ	66	42	64·1	46·1	54·5	− 2·0	88	0	1	0·34	− 0·41	49·2	+ 9·5	42	+ 8
2. ENGLAND, N.E. — Northern part.	†Alnwick Castle (Cockle Park)	71	43	65·1	50·3	57·2	− 0·1	106	0	1	0·08	− 0·52	53·8	—	46	—
	†Shields (Newcastle)	71	45	64·3	51·0	57·2	− 0·8	106	0	2	0·09	− 0·50	42·4	+ 9·5	36	+ 8
	Durham	71	41	66·5	48·6	56·9	− 1·8	104	0	2	0·04	− 0·60	49·0	+ 10·4	42	+ 9
	Scarborough ℌ	74	48	66·8	52·4	59·1	+ 0·4	120	0	1	0·02	− 0·55	44·4	—	38	—
	York	73	44	67·5	50·5	58·4	− 1·5	115	0	3	0·08	− 0·52	46·6	+ 6·3	40	+ 6
Southern part.	†Spurn Head (Saltburn)	70	50	65·4	54·7	59·7	+ 0·2	124	0	3	0·37	− 0·03	49·9	—	43	—
	†Lincoln (Skegness)	77	42	69·4	49·6	58·8	− 2·3	118	0	2	0·16	− 0·38	40·7	—	35	—
	†Fulbeck (Rauceby)	76	43	70·2	49·3	59·0	− 1·2	119	0	3	0·18	− 0·35	49·0	—	43	—
	(Cromer)												36·6	—	32	—
3. ENGLAND, E. — Northern part.	Hillington ℌ	76	41	69·1	49·0	58·4	− 2·0	115	0	3	0·15	− 0·50	38·3	− 7·3	34	− 6
	†Yarmouth (Lowestoft)	70	51	67·0	55·0	60·6	+ 0·5	130	0	1	0·01	− 0·58	47·2	—	41	—
	Geldeston	74	44	67·9	50·8	58·8	− 1·6	118	0	1	0·01	− 0·54	39·2	− 9·1	34	− 8
	(Dunmow)												38·7	—	34	—
Southern part.	Cambridge	74	45	69·2	51·7	59·8	− 1·6	125	0	4	0·11	− 0·44	35·8	− 11·2	32	− 10
	Felixstowe	74	46	67·7	54·0	60·4	− 0·7	129	0	1	0·04	—	52·2	—	46	—
	Clacton-on-Sea	74	46	68·9	54·4	61·2	− 0·9	134	0	1	0·31	—	52·7	—	47	—
	Rothamsted	73	45	69·0	50·6	59·2	− 1·0	120	0	3	0·09	− 0·48	52·4	+ 4·7	46	+ 4
	†Shoeburyness (Southend)	72	46	69·4	53·4	60·8	− 1·8	132	0	2	0·13	− 0·28	47·5	—	42	—
	London, Westminster	75	47	70·3	53·6	61·4	− 1·4	136	0	1	0·02	− 0·52	47·7	+ 7·3	43	+ 7
4. MIDLAND COUNTIES. — Eastern part.	Harrogate	71	43	64·9	47·7	55·7	− 2·3	96	0	2	0·14	− 0·48	46·5		40	—
	†Bawtry (Worksop)	74	39	68·7	47·9	57·6	− 2·6	109	0	3	0·28	− 0·28	32·6	− 5·1	28	− 5
	Nottingham	76	42	69·7	49·7	59·0	− 1·7	119	0	2	0·17	− 0·40	42·5	—	37	—
	†Colly Weston (Oundle)	77	43	70·9	49·7	59·6	− 1·4	123	0	3	0·57	+ 0·01	45·7	—	40	—
	Birmingham, Edgbaston	74	46	65·1	50·2	57·1	− 2·5	106	0	3	0·43	− 0·13	29·1	—	26	—
	Oxford	76	46	69·6	50·7	59·5	− 1·6	123	0	2	0·26	− 0·31	51·8	+ 6·2	46	+ 5
Western part.	†Cheadle (Sheffield) ℌ	70	44	63·5	48·3	55·4	− 2·8	94	0	4	0·30	− 0·38	40·7	—	35	—
	Shrewsbury	73	41	66·7	46·5	55·9	− 4·3	97	0	2	0·32	—	*	*	*	*
	Hereford ℌ	75	42	68·5	47·1	57·1	− 3·4	106	0	3	0·20	− 0·33	*	*	*	*
	Cirencester	73	41	66·6	48·2	56·8	− 2·6	104	0	3	0·36	− 0·25	50·3	+ 5·2	45	+ 5
	Bath	72	43	67·1	50·1	58·0	− 3·1	112	0	2	0·16	− 0·43	47·4	—	42	—
	(Margate)												50·7	+ 4·7	45	+ 4
5. ENGLAND, S.	Kew	76	46	69·9	53·0	60·9	− 0·8	132	0	4	0·04	− 0·50	47·3	+ 0·9	42	+ 1
	Wisley, Surrey	75	44	70·4	51·2	60·1	− 2·1	127	0	2	0·15	—	50·4	—	45	—
	†Swarraton (Ventnor) ℌ	73	38	67·3	47·1	56·5	− 2·9	102	0	3	0·30	− 0·27	56·8	+ 8·2	51	+ 7
	Tunbridge Wells ℌ	75	46	70·2	50·4	59·6	− 1·0	123	0	3	0·19	− 0·34	60·5	+ 13·1	54	+ 12
	†Dungeness (Littlestone)	65	46	63·9	52·6	57·9	− 2·8	111	0	3	0·23	− 0·13	55·4	—	49	—
	Hastings	72	49	66·1	52·9	59·0	− 1·7	119	0	2	0·07	− 0·42	56·9	+ 2·8	51	+ 3
	Southampton	76	46	71·5	52·0	61·1	− 1·2	134	0	2	0·34	− 0·23	54·1	+ 3·9	48	+ 4
	†Portland Bill (Worthing)	67	52	63·3	54·6	58·7	− 1·8	117	0	3	0·09	—	51·4	—	46	—
	(Eastbourne)												51·2	− 2·4	46	− 2
6. SCOTLAND, W.	Laudale, Loch Sunart	66	40	61·7	47·8	54·3	− 2·8	86	0	7	0·81	− 0·33	*	*	*	*
	Glasgow ℌ	66	45	62·3	49·4	55·4	− 2·0	94	0	2	0·65	− 0·10	44·8	+ 11·1	38	+ 9
	Dumfries ℌ	73	40	67·3	47·3	56·6	− 1·8	102	0	4	0·77	+ 0·06	*	*	*	*
	Cally ℌ	70	40	66·8	43·0	54·1	− 3·2	85	0	2	0·09	− 0·74	*	*	*	*
	Douglas, Isle of Man ℌ	65	45	62·6	47·6	54·6	− 2·5	88	0	4	0·58	− 0·12	60·8	+ 14·4	52	+ 12
7. ENGLAND, N.W.	Aspatria	65	43	62·8	48·0	54·9	− 2·7	90	0	5	0·82	− 0·05	56·8	—	49	—
	Newton Rigg	67	41	64·1	45·5	54·2	− 2·8	85	0	3	0·64	− 0·16	58·8	+ 12·8	50	+ 10
	Stonyhurst	68	44	62·4	48·2	54·8	− 3·5	90	0	4	0·97	+ 0·05	48·7	+ 6·9	42	+ 6
	Blackpool ℌ	63	49	61·1	51·8	56·1	− 3·2	99	0	4	0·65	0·00	57·7	+ 14·4	50	+ 13
	Manchester, Prestwich	70	44	64·4	47·2	55·2	− 3·3	92	0	4	0·44	− 0·36	46·6	+ 9·2	41	+ 8
	†Liverpool Obs. (Hoylake)	66	49	61·6	52·6	56·8	− 2·9	104	0	3	0·45	− 0·19	60·2	—	52	—
	†Hawarden Bridge (Southport)	69	44	63·2	49·3	55·8	− 4·3	97	0	4	0·46	− 0·06	55·4	—	48	—
NORTH WALES	Llandudno ℌ	68	50	63·5	52·3	57·5	− 2·4	109	0	5	0·54	− 0·03	57·6	+ 14·4	50	+ 13
	†Holyhead (Aberdovey)	65	50	61·1	51·6	56·0	− 2·4	98	0	3	0·41	− 0·16	55·8	—	49	—
	Bettws-y-Coed	67	41	62·9	47·4	54·6	− 5·3	88	0	4	0·43	—	43·5	—	38	—
8. SOUTH WALES	Llangammarch Wells	69	34	64·5	42·5	52·7	− 5·8	75	0	4	0·61	—	50·9	—	45	—
	Pembroke	63	50	59·9	52·3	55·8	− 2·6	97	0	4	0·17	− 0·40	67·3	+ 19·0	60	+ 17
	†Cardiff (Aberystwyth)	70	43	65·8	48·2	56·4	− 3·4	101	0	5	0·36	− 0·38	45·8	—	40	—
ENGLAND, S.W.	†Clifton (Torquay)	71	49	67·3	53·1	59·7	− 2·1	124	0	4	0·25	− 0·41	62·5	+ 11·2	56	+ 10
	†Shaftesbury (Marlborough) ℌ	72	45	66·4	49·6	57·4	− 1·9	108	0	4	0·22	− 0·41	46·1	+ 3·4	41	+ 3
	†Arlington (Newquay)	67	44	63·3	48·9	55·6	− 2·9	95	0	5	0·52	− 0·39	*	*	*	*
	Cullompton ℌ	74	40	68·7	46·8	57·0	− 3·7	105	0	3	0·14	− 0·52	47·6	+ 4·1	43	+ 4
	Plymouth	70	47	66·0	51·2	58·1	− 2·9	113	0	3	0·21	− 0·43	62·7	+ 14·7	56	+ 13
	Falmouth	65	52	63·8	53·4	58·2	− 1·8	113	0	3	0·18	− 0·49	58·8	+ 7·4	53	+ 7
9. IRELAND, N. — Western part.	Malin Head	61	50	59·6	51·6	55·3	− 1·3	93	0	3	0·64	+ 0·04	*	*	*	*
	Edenfel	64	37	62·1	45·9	53·4	− 3·4	80	0	4	0·65	− 0·13	*	*	*	*
	Blacksod Point	61	50	59·9	52·7	56·1	− 1·6	99	0	5	0·65	− 0·01	*	*	*	*
	Markree Castle	67	46	63·2	48·3	55·2	− 1·7	92	0	3	0·44	− 0·33	27·6	− 3·6	24	− 3
Eastern part.	Armagh	69	42	62·0	47·5	54·3	− 3·5	86	0	3	0·34	− 0·36	40·9	+ 6·7	35	+ 6
	Donaghadee	67	44	62·1	48·4	54·8	− 2·5	90	0	4	0·24	− 0·41	*	*	*	*
10. IRELAND, S. — Eastern part.	†Dublin, City (Phœnix Park)	70	50	66·1	53·0	59·1	− 0·8	120	0	2	0·23	− 0·35	36·7	− 3·6	32	− 3
	Kilkenny	69	40	66·1	49·7	57·3	− 1·7	107	0	3	0·39	− 0·24	*	*	*	*
	Waterford	72	46	67·6	50·4	58·4	− 1·3	115	0	2	0·28	− 0·43	*	*	*	*
Western part.	Birr Castle	66	46	63·7	49·0	55·8	− 2·6	97	0	4	0·56	− 0·11	24·1	− 9·2	21	− 8
	Foynes	66	48	63·2	53·3	57·9	0·0	111	0	4	0·45	− 0·21	*	*	*	*
	Killarney	70	43	64·6	51·4	57·5	− 1·1	109	0	6	0·47	− 0·26	*	*	*	*
	Valencia	64	46	61·1	52·7	56·6	− 2·1	102	0	6	0·57	− 0·30	29·6	− 7·4	26	− 7
	†Roches Point (Ballinacurra)	69	50	64·1	52·0	57·6	− 1·9	109	0	3	0·30	− 0·40	46·5	—	42	—
11. ENGLISH CHANNEL	Scilly, St. Mary's	66	54	62·7	56·1	59·2	− 0·9	120	0	3	0·10	− 0·43	53·4	+ 2·0	48	+ 2
	†Jersey, St. Aubins (St. Heliers)	70	50	66·7	53·1	59·4	− 2·5	122	0	1	0·12	− 0·41	63·2	+ 7·1	58	+ 6
	Guernsey	67	52	64·5	53·8	58·8	− 1·8	118	0	1	0·29	− 0·25	64·6	+ 6·6	59	+ 6

Information for Stations marked ℌ is supplied by the Royal Meteorological Society, and that for Stations marked 𝔖 is supplied by the Scottish Meteorological Society.
* An Asterisk is inserted in all places for which the information is not usually given.
† There is no Sunshine Recorder in use at this Station. The figures entered for Sunshine are those recorded at a Station in the same district of which the name is given in brackets.

Additional Sunshine Totals for the week: Ramsgate, 51·2 hrs., 46 %; Brighton, 42·2 hrs. (− 10·6), 38 % (− 9 %); Bournemouth, 53·6 hrs., 48 %; Bognor, 51·4 hrs., 46 %; Rhyl, 59·6 hrs., 52 %; Tenby, 58·0 hrs. (+ 9·1) 51 % (+ 8 %).

ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE,

AND PUBLISHED FOR H.M. STATIONERY OFFICE BY WYMAN AND SONS, LTD., FETTER LANE, E.C., AND 32, ABINGDON STREET, WESTMINSTER, S.W.; OR OLIVER AND BOYD, EDINBURGH; OR E. PONSONBY, 116, GRAFTON STREET, DUBLIN.

TWENTY-NINTH YEAR. *Vol. XXIII. (New Series.)* No. 28. TWENTY-EIGHTH WEEK, ENDING SATURDAY, JULY 14TH, 1906. [*Price 6d.* *Annual Subscription post paid £1 10s. 0d.*

I.—GENERAL REMARKS.

Weather was at first fine in all but the extreme western and northern parts of the Kingdom. Towards the middle of the week, however, it became very changeable, with more or less rain in all districts; thunderstorms or thunder only occurred on Wednesday and Thursday at several places in the south and east. On Saturday, fine weather again prevailed over nearly the whole of England.

Temperature was below the average, the deficit being greatest (two and a half to three and a half degrees) over Wales and the western and central parts of England. The highest readings occurred as a rule either on Sunday or Monday, but in some places on Saturday. In Ireland N., England N.W., Scotland N. and the Channel Islands the thermometer did not exceed 70°, but in the eastern, central, and southern parts of England it rose slightly above 75°. The lowest readings were registered in most districts either on Wednesday or Thursday, and ranged from 34° in Scotland E. (at Balmoral) and England S.W. (at Llangammarch Wells) and 35° in Scotland N. to 41° in the north and east of England and to 50° in the Channel Islands.

Rainfall amounted to less than the average in all districts. In the eastern parts of England the falls were slight, and rather sporadic.

Bright Sunshine was in excess of the average in most districts, but was rather deficient in England E. and Ireland S. The percentage of the possible duration ranged from 55° in the Channel Islands, 50° in England S.W. and 47° in England S. and N.W. to 30° in the two Irish districts and to 29° in Scotland N.

Barometer and Wind.—At the commencement of the week a large anticyclone extended over Western Europe from the Southward, the wind being South-Westerly on our western and northern coasts, but Northerly over the greater part of England. After Tuesday the highest pressures were transferred for a time to our western districts and the Atlantic, and the wind became generally Northerly or North-Westerly. Later on the anticyclone took up a more southerly position, depressions began to move along our extreme northern coasts, and the wind backed to the Westward, with some increase in strength in the west and south.

SUMMARY OF TEMPERATURE, RAINFALL, AND DURATION OF BRIGHT SUNSHINE IN THE UNITED KINGDOM, FOR AGRICULTURAL AND SANITARY PURPOSES.

THE WEEK (28th)—July 8th to July 14th, 1906.

DISTRICTS. (See p. 164.)	Temperature. Highest.	Lowest.	Means of: Daily Max.	Daily Min.	Daily Mean.	Difference from Av. (35 Yrs.)	Accumulated. Number of Day-Degrees. Above 42°	Difference from Av. (25 Yrs.)	Below 42°	Difference from Av. (25 Yrs.)	Rainfall. Number of Rain-Days.	Diff. from Av. (35 Yrs.)	Total Fall.	Difference from Average (35 Yrs.)	Sunshine. Hours recorded.	Diff. from Av. (25 Yrs.)	Percentage of Possible Duration	Diff. from Av. (25 Yrs.)
	°	°	°	°	°	°	Day-deg.	Day-deg.	Day-deg	Day-deg.			Inches.	Inches.			%	%
0. SCOTLAND, NORTH ..	70	35	60·3	46·7	53·0	− 1·9	77	− 9	0	0	5	+ 1	0·60	−0·17	36	+ 5	29	+ 4
Eastern 1. SCOTLAND, EAST ..	73	34	65·1	47·1	55·4	− 1·5	94	− 8	0	0	4	0	0·33	−0·32	47	+ 9	40	+ 8
Eastern 2. ENGLAND, N.E. ..	77	41	66·9	50·8	58·3	− 0·9	114	− 3	0	0	2	− 1	0·13	−0·43	48	+ 8	41	+ 7
Eastern 3. ENGLAND, EAST ..	76	41	68·7	52·5	60·1	− 1·2	127	− 4	0	0	2	− 1	0·10	−0·45	44	− 3	39	− 3
Eastern 4. MIDLAND COUNTIES	77	39	67·4	48·7	57·4	− 2·6	108	− 17	0	0	3	0	0·29	−0·30	43	+ 2	38	+ 2
Eastern 5. ENGLAND, SOUTH ..	76	38	67·8	51·7	59·2	− 1·8	120	− 15	0	0	3	0	0·18	−0·33	52	+ 5	47	+ 4
Western 6. SCOTLAND, WEST ..	73	40	64·1	47·0	55·0	− 2·5	91	− 14	0	0	4	0	0·58	−0·25	53	+ 13	45	+11
Western 7. ENGLAND, N.W. ..	70	41	62·7	49·4	55·6	− 3·3	95	− 22	0	0	4	+ 1	0·58	−0·12	54	+ 12	47	+10
Western 8. ENGLAND, S.W. ..	74	34	65·1	49·6	56·8	− 3·0	104	− 19	0	0	4	+ 1	0·30	−0·39	56	+ 11	50	+10
Western 9. IRELAND, NORTH ..	69	37	61·5	49·1	54·9	− 2·3	90	− 17	0	0	4	0	0·49	−0·20	34	+ 2	30	+ 1
Western 10. IRELAND, SOUTH ..	72	40	64·6	51·4	57·5	− 1·4	109	− 9	0	0	4	0	0·41	−0·29	34	− 7	30	− 6
11. CHANNEL ISLANDS..	70	50	64·6	54·3	59·1	− 1·7	120	− 14	0	0	2	− 1	0·17	−0·36	60	+ 5	55	+ 5

THE SEASON (**Summer**).—Aggregates, &c., for the Period of 6 Weeks, June 3rd to July 14th, 1906.

0. SCOTLAND NORTH ..	78	33	*	*	*	*	476	+ 23	0	− 4	19	− 4	1·87	−2·14	231	+ 21	31	+ 3
Eastern 1. SCOTLAND, EAST ..	82	33	*	*	*	*	563	+ 30	0	− 2	18	− 2	1·46	−1·93	264	+ 23	36	+ 3
Eastern 2. ENGLAND, N.E. ..	80	34	*	*	*	*	635	+ 45	0	− 1	14	− 4	1·62	−1·34	281	+ 30	40	+ 4
Eastern 3. ENGLAND, EAST ..	79	33	*	*	*	*	653	− 19	0	− 1	10	− 7	2·47	−0·54	344	+ 66	50	+10
Eastern 4. MIDLAND COUNTIES	81	33	*	*	*	*	654	− 9	0	− 1	13	− 5	2·43	−0·89	291	+ 53	42	+ 8
Eastern 5. ENGLAND, SOUTH ..	81	34	*	*	*	*	659	− 55	0	0	9	− 8	2·04	−0·88	359	+ 77	53	+11
Western 6. SCOTLAND, WEST ..	83	40	*	*	*	*	586	+ 23	0	− 1	17	− 4	2·43	−2·07	297	+ 38	42	+ 5
Western 7. ENGLAND, N.W. ..	78	38	*	*	*	*	626	+ 5	0	0	16	− 3	2·15	−1·45	309	+ 44	44	+ 6
Western 8. ENGLAND, S.W. ..	78	34	*	*	*	*	642	− 14	0	0	15	− 4	2·69	−0·98	307	+ 33	45	+ 5
Western 9. IRELAND, NORTH ..	78	36	*	*	*	*	560	− 21	0	0	18	− 5	2·39	−1·42	228	+ 3	32	+ 1
Western 10. IRELAND, SOUTH ..	79	36	*	*	*	*	671	+ 30	0	0	23	+ 2	3·07	−0·84	243	− 7	35	− 1
11. CHANNEL ISLANDS..	78	44	*	*	*	*	702	− 3	0	0	9	− 9	1·29	−1·65	365	+ 26	54	+ 4

THE YEAR.—Aggregates, &c., for the period of 28 Weeks, December 31st, 1905, to July 14th, 1906.

0. SCOTLAND, NORTH ..	78	8	*	*	*	*	778	−109	646	+ 87	137	+19	26·77	+3·39	703	− 4	28	0
Eastern 1. SCOTLAND, EAST ..	82	11	*	*	*	*	994	− 60	624	+ 20	111	+11	15·50	+0·73	869	+ 70	34	+ 3
Eastern 2. ENGLAND, N.E. ..	80	18	*	*	*	*	1202	+ 75	464	− 22	101	+ 9	10·89	−0·90	923	+ 54	37	+ 2
Eastern 3. ENGLAND, EAST ..	79	23	*	*	*	*	1308	− 41	413	−119	92	+ 2	11·99	+0·59	1020	+125	41	+ 5
Eastern 4. MIDLAND COUNTIES	81	18	*	*	*	*	1327	− 34	486	− 56	98	+ 7	12·67	−0·59	879	+ 83	35	+ 3
Eastern 5. ENGLAND, SOUTH ..	81	20	*	*	*	*	1373	− 89	351	− 39	96	+ 7	14·17	+1·28	1066	+147	43	+ 6
Western 6. SCOTLAND, WEST ..	83	14	*	*	*	*	1104	− 24	419	− 2	113	+ 7	23·96	+1·16	872	+ 50	34	+ 2
Western 7. ENGLAND, N.W. ..	78	16	*	*	*	*	1182	− 67	379	− 13	108	+11	18·46	+3·12	873	+ 56	35	+ 2
Western 8. ENGLAND, S.W. ..	78	19	*	*	*	*	1338	− 65	327	+ 31	109	+13	21·97	+3·97	984	+102	39	+ 4
Western 9. IRELAND, NORTH ..	78	20	*	*	*	*	1087	−150	355	+ 1	137	+19	19·88	+2·46	768	− 10	30	0
Western 10. IRELAND, SOUTH ..	79	24	*	*	*	*	1423	− 31	264	0	127	+20	19·07	−0·88	857	− 31	34	− 1
11. CHANNEL ISLANDS..	78	27	*	*	*	*	1544	− 80	79	− 35	109	+ 7	14·94	−0·60	1123	+ 40	45	+ 2

Bright Sunshine.—For certain of the Districts the values of Bright Sunshine in this Table are based on the records from a part only of the Stations included in the Tables under II. and IV. For certain of the Stations Mean Values are not available, and for the Districts containing these Stations the "Difference from Average" is based on the records from a smaller number of Stations than those supplying the values for "Hours Recorded."

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TWENTY-NINTH YEAR. *Vol. XXIII. (New Series.)* No. 34. THIRTY-FOURTH WEEK, ENDING SATURDAY, AUGUST 25TH, 1906. [*Price 6d.* *Annual Subscription post paid* £1 10*s.* 0*d.*

I.—GENERAL REMARKS.

Weather.—In all parts of the Kingdom except the eastern, central, and southern counties of England the weather was of an unsettled character, and but few days passed without more or less rain. A thunderstorm was experienced at some stations in the south of Ireland on Tuesday.

Temperature was above the normal except in Scotland N., the excess increasing from only 0·4° in Scotland E. to 3·6° in England E. and to 4·6° in the Midland Counties. The highest of the maxima were recorded on Wednesday in most localities. In England E. (at Cambridge) the thermometer rose to 87°, and in the Midland Counties and England S. to 86°. In Ireland N. and Scotland W. the highest readings were respectively 72° and 71°. The lowest of the minima occurred generally early in the week. In Scotland N. (at Lairg on the 23rd) the thermometer fell to 32°, and in Scotland E. to 35°, while elsewhere the readings ranged from 40° in Ireland S. and Scotland W. to 48° in Ireland N. and England N.E. and to 52° in the Channel Islands.

Rainfall was above the normal in Scotland and the northern parts of England and Ireland, less in the other districts. The rain accompanying the cyclonic disturbance of Friday night was heaviest in the north of Ireland, some of the measurements amounting to about an inch.

Bright Sunshine exceeded the average duration in almost all the English districts, as well as in Scotland N., but was deficient in the east and west of Scotland, over Ireland, and in England S.W. and the Channel Islands. The percentage of the possible duration ranged from 52 in the Channel Islands and 49 in England S. to 26 in Scotland N. and to 21 in Ireland N.

Barometer and Wind.—During the greater part of the period the pressure distribution was of a Westerly or South-Westerly type, the barometer being highest to the southward or south-eastward of our Islands, and lowest in the west or north. Most of the depressions were shallow and ill-defined, and had but little effect on the strength of the South-Westerly and Westerly winds. During the night of Friday, however, the central space of a deep disturbance travelled quickly from beyond the south-west of Ireland to the north-east of England, and caused the wind to increase to the force of a very strong breeze on all our western and southern coasts, and to a gale in some exposed places. By Saturday evening the gales and strong Westerly breezes had subsided, and, with a fresh fall of the barometer, the wind had again backed to the Southward along the west coast of Ireland.

SUMMARY OF TEMPERATURE, RAINFALL, AND DURATION OF BRIGHT SUNSHINE IN THE UNITED KINGDOM, FOR AGRICULTURAL AND SANITARY PURPOSES.

THE WEEK (34th)—August 19th to August 25th, 1906.

DISTRICTS. (See p. 200.)	Temperature. Highest.	Lowest.	Means of: Daily Max.	Daily Min.	Daily Mean.	Difference from Av. (35 Yrs.)	Accumulated. Number of Day-Degrees. Above 42°	Difference from Av. (25 Yrs.)	Below 42°	Difference from Av. (25 Yrs.)	Rainfall. Number of Rain-Days.	Diff. from Av. (35 Yrs.)	Total Fall.	Difference from Average (35 Yrs.)	Sunshine. Hours recorded.	Diff. from Av. (25 Yrs.)	Percentage of Possible Duration	Diff. from Av. (25 Yrs.)
	°	°	°	°	°	°	Day-deg.	Day-deg.	Day-deg	Day-deg.			Inches.	Inches.			%	%
0. SCOTLAND, NORTH ..	73	32	60·4	47·7	53·7	− 0·6	82	− 3	0	0	6	+ 2	1·12	+0·13	26	+ 1	26	+ 1
Eastern 1. SCOTLAND, EAST ..	74	35	63·8	48·7	55·8	+ 0·4	97	+ 1	0	0	6	+ 2	1·40	+0·67	27	− 7	27	− 7
Eastern 2. ENGLAND, N.E. ..	84	48	69·6	53·9	61·2	+ 3·3	134	+ 26	0	0	4	+ 1	0·69	+0·10	39	+ 3	29	+ 3
Eastern 3. ENGLAND, EAST ..	87	45	72·8	55·9	63·9	+ 3·6	153	+ 33	0	0	1	− 2	0·23	−0·30	44	+ 4	45	+ 4
Eastern 4. MIDLAND COUNTIES	86	44	72·5	54·7	63·1	+ 4·6	148	+ 34	0	0	3	− 1	0·38	+0·24	46	+ 12	46	+12
Eastern 5. ENGLAND, SOUTH ..	86	46	71·5	55·5	63·0	+ 2·7	147	+ 17	0	0	2	− 1	0·21	−0·36	48	+ 5	49	+ 5
Western 6. SCOTLAND, WEST ..	71	40	64·8	50·9	57·4	+ 1·1	103	+ 8	0	0	6	+ 2	1·66	+0·61	32	− 2	31	− 2
Western 7. ENGLAND, N.W. ..	80	45	66·6	54·2	60·0	+ 2·1	126	+ 14	0	0	5	+ 1	1·06	+0·24	40	+ 7	41	+ 7
Western 8. ENGLAND, S.W. ..	83	46	68·9	55·7	61·9	+ 2·9	139	+ 19	0	0	4	0	0·65	−0·16	42	− 2	42	− 2
Western 9. IRELAND, NORTH ..	72	48	64·6	54·0	59·0	+ 2·4	119	+ 16	0	0	5	0	1·24	+0·36	21	− 8	21	− 8
Western 10. IRELAND, SOUTH ..	77	40	68·4	54·6	61·1	+ 2·8	134	+ 21	0	0	5	+ 1	0·74	−0·17	29	− 4	29	− 4
11. CHANNEL ISLANDS..	81	52	68·4	58·2	63·0	+ 1·7	147	+ 11	0	0	3	− 1	0·20	−0·41	51	− 2	52	− 2

THE SEASON (**Summer**).—Aggregates, &c., for the Period of 12 Weeks, June 3rd to August 25th, 1906.

0. SCOTLAND NORTH ..	78	32	*	*	*	*	1009	+ 30	0	− 4	52	+ 3	9·72	+0·29	402	+ 28	29	+ 2
Eastern 1. SCOTLAND, EAST ..	82	33	*	*	*	*	1174	+ 32	0	− 2	47	+ 3	7·14	− 0·55	459	+ 12	33	+ 1
Eastern 2. ENGLAND, N.E. ..	84	34	*	*	*	*	1430	+152	0	− 1	35	− 3	5·05†	− 1·46	547†	+ 56	41	+ 4
Eastern 3. ENGLAND, EAST ..	87	33	*	*	*	*	1559	+122	0	− 1	23	−13	4·18	− 2·09	662	+117	50	+ 9
Eastern 4. MIDLAND COUNTIES	86	33	*	*	*	*	1492	+ 96	0	− 1	31	− 7	4·52	− 2·49	568	+101	43	+ 8
Eastern 5. ENGLAND, SOUTH ..	86	34	*	*	*	*	1524	− 1	0	0	25	−11	3·44	− 2·78	686	+122	52	+ 9
Western 6. SCOTLAND, WEST ..	83	40	*	*	*	*	1244	+ 54	0	− 1	49	+ 4	9·58	− 0·69	502	+ 27	37	+ 2
Western 7. ENGLAND, N.W. ..	80	38	*	*	*	*	1383	+ 63	0	0	43	− 1	7·14	− 1·18	544	+ 61	41	+ 5
Western 8. ENGLAND, S.W. ..	83	34	*	*	*	*	1428†	+ 27	0	0	40	0	6·66†	− 1·62	559†	+ 19	43	+ 1
Western 9. IRELAND, NORTH ..	78	36	*	*	*	*	1224	0	0	0	52	0	7·61	− 1·11	431	+ 27	32	+ 2
Western 10. IRELAND, SOUTH ..	79	36	*	*	*	*	1427	+ 79	0	0	53	+ 8	7·70	− 1·23	466	+ 7	35	+ 1
11. CHANNEL ISLANDS..	83	44	*	*	*	*	1561	+ 32	0	0	28	−11	3·05	− 3·27	671	+ 10	52	+ 1

THE YEAR.—Aggregates, &c., for the period of 34 Weeks, December 31st, 1905, to August 25th, 1906.

0. SCOTLAND, NORTH ..	78	8	*	*	*	*	1311	−102	646	+ 87	170	+25	34·62	+5·82	874	+ 3	27	0
Eastern 1. SCOTLAND, EAST ..	82	11	*	*	*	*	1605	− 58	624	+ 20	140	+17	21·18	+2·11	1064	+ 60	33	+ 2
Eastern 2. ENGLAND, N.E. ..	84	18	*	*	*	*	1997	+182	464	− 22	122	+10	14·32†	− 1·02	1190	+ 80	38	+ 3
Eastern 3. ENGLAND, EAST ..	87	23	*	*	*	*	2214	+100	413	−119	105	− 4	13·70	− 0·96	1338	+176	43	+ 6
Eastern 4. MIDLAND COUNTIES	86	18	*	*	*	*	2165	+ 71	486	− 56	116	+ 4	14·73	− 2·22	1158	+132	37	+ 4
Eastern 5. ENGLAND, SOUTH ..	86	20	*	*	*	*	2238	− 35	351	− 39	112	+ 4	15·57	− 0·62	1392	+193	44	+ 6
Western 6. SCOTLAND, WEST ..	83	14	*	*	*	*	1762	+ 7	419	− 2	145	+14	31·11	+2·54	1078	+ 40	34	+ 1
Western 7. ENGLAND, N.W. ..	80	16	*	*	*	*	1939	− 9	379	− 13	135	+16	23·45	+3·39	1108	+ 73	35	+ 2
Western 8. ENGLAND, S.W. ..	83	19	*	*	*	*	2124†	− 24	327	+ 31	134	+17	25·94†	+3·33	1237	+ 88†	40	+ 3
Western 9. IRELAND, NORTH ..	78	20	*	*	*	*	1751	−129	355	+ 1	171	+25	25·10	+2·77	972	+ 16	31	+ 1
Western 10. IRELAND, SOUTH ..	79	24	*	*	*	*	2179	+ 18	264	0	157	+26	23·70	−1·27	1081	− 18	34	− 1
11. CHANNEL ISLANDS..	83	27	*	*	*	*	2403	− 45	79	− 35	128	+ 6	16·70	−2·22	1431	+ 25	46	+ 1

† Corresponding values for some previous weeks have been altered owing to the receipt of further information.

Bright Sunshine.—For certain of the Districts the values of Bright Sunshine in this Table are based on the records from a part only of the Stations included in the Tables under II. and IV. For certain of the Stations Mean Values are not available, and for the Districts containing these Stations the "Difference from Average" is based on the records from a smaller number of Stations than those supplying the values for "Hours Recorded."

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II.—DATA from which the SUMMARY on page 199 has been calculated.

August 19-25, 1906.

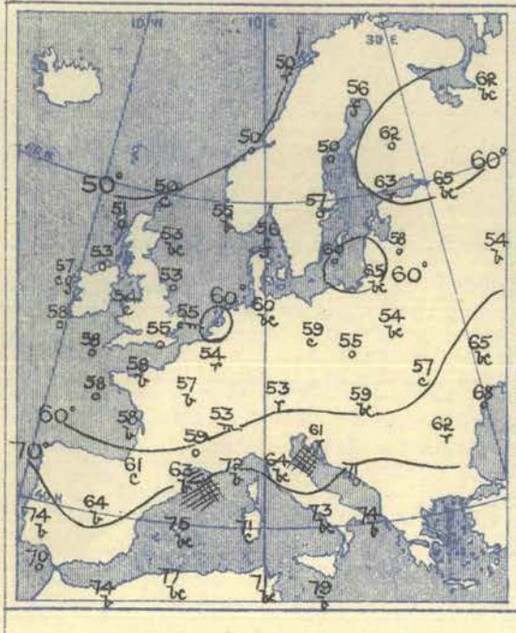
Districts.	Names of Stations.	Temperature. In Degrees Fahrenheit.								Rainfall.			Bright Sunshine.			
		Highest observed.	Lowest observed.	Averages for the Week. Of Highest each day.	Of Lowest each day.	For whole of each day.	Difference of Daily Average from Mean for the Week.	Accumulated Heat for the Week (in Day-degrees). Above 42°	Below 42°	Number of Rain-Days.	Rainfall in the Week.	Difference from the Mean for the Week.	Number of Hours recorded.	Difference from the Mean for the Week.	Percentage of possible duration.	Difference from the Mean for the Week.
		°	°	°	°	°	°	Day-deg	Day-deg		Inches.	Inches.	Hrs.	Hrs.	%	%
O. SCOTLAND, N.	†Sumburgh Head (Deerness)	55	43	53·6	45·7	49·4	- 3·0	52	0	6	0·92	+ 0·18	24·4	- 1·9	24	- 2
	Wick	68	39	60·4	47·4	53·5	- 0·6	81	0	7	1·07	+ 0·44	*	*	*	*
	†Lairg (Strathpeffer)	73	32	64·0	45·5	54·2	+ 0·4	85	0	7	1·22	+ 0·54	26·9	- 0·5	26	- 1
	Stornoway	65	40	61·1	48·1	54·2	+ 0·5	85	0	4	0·23	- 0·68	33·8	+ 4·2	33	+ 4
	Glencarron	66	43	59·6	48·1	53·5	- 0·3	81	0	7	1·67	- 0·06	*	*	*	*
	Fort Augustus	66	40	62·0	49·5	55·4	- 0·3	94	0	5	1·09	+ 0·26	20·4	0·0	20	0
	Fort William	69	42	62·3	49·3	55·4	- 1·0	94	0	7	1·62	+ 0·21	*	*	*	*
1. SCOTLAND, E.	Nairn	67	38	62·0	47·4	54·3	- 1·3	86	0	7	1·55	+ 0·08	27·4	—	27	—
	Aberdeen	71	43	63·1	50·0	56·2	+ 0·7	99	0	6	0·95	+ 0·26	28·0	- 5·3	28	- 5
	†Balmoral (Crathes)	68	35	63·4	44·7	53·5	+ 1·0	81	0	7	0·73	- 0·11	25·8	—	25	—
	†Clathick (Balruddery)	74	42	66·1	50·0	57·6	+ 1·3	109	0	6	1·67	+ 0·78	32·1	—	32	—
	†Leith (Edinburgh)	71	48	64·0	51·6	57·4	- 0·2	108	0	5	1·62	+ 1·00	20·0	- 12·0	20	- 12
	Marchmont	69	46	64·0	48·3	55·7	+ 0·6	96	0	6	1·99	+ 1·09	30·0	- 2·3	30	- 2
2. ENGLAND, N.E. — Northern part.	†Alnwick Castle (Cockle Park)	72	48	67·1	51·1	58·6	+ 2·5	116	0	5	1·37	+ 0·67	36·1	—	36	—
	†Shields (Newcastle)	74	50	67·4	51·6	59·0	+ 2·3	119	0	6	1·62	+ 1·00	26·5	- 2·0	27	- 2
	Durham	71	50	67·1	52·6	59·4	+ 2·3	122	0	5	0·72	+ 0·13	33·7	+ 1·2	34	+ 1
	Scarborough	77	51	70·2	53·9	61·6	+ 3·9	137	0	5	0·36	- 0·26	36·6	—	37	—
	York	76	50	70·5	53·7	61·6	+ 3·2	137	0	3	0·49	- 0·08	37·4	+ 4·6	37	+ 5
2. ENGLAND, N.E. — Southern part.	†Spurn Head (Saltburn)	80	53	68·7	57·1	62·6	+ 3·7	144	0	1	0·40	- 0·06				
	†Lincoln (Skegness)	84	49	73·3	55·8	64·0	+ 4·6	154	0	3	0·31	- 0·25	42·7	—	43	—
	†Fulbeck (Rauceby)	83	48	72·3	55·0	63·1	+ 3·7	148	0	1	0·22	- 0·35	47·4	—	48	—
	(Cromer)												41·7	—	42	—
3. ENGLAND, E. — Northern part.	Hillington	85	45	72·8	53·4	62·5	+ 3·1	144	0	2	0·43	- 0·21	34·1	- 4·9	34	- 5
	†Yarmouth (Lowestoft)	75	50	68·7	57·1	62·6	+ 2·9	144	0	1	0·17	- 0·37	35·4	—	36	—
	Geldeston	86	46	73·8	53·8	63·2	+ 3·7	148	0	1	0·20	- 0·30	33·8	- 7·9	34	- 8
	(Dunmow)												51·5	—	53	—
3. ENGLAND, E. — Southern part.	Cambridge	87	46	75·4	54·0	64·1	+ 4·0	155	0	1	0·20	- 0·33	50·5	+ 9·4	52	+ 10
	Felixstowe	76	51	70·8	58·3	64·2	+ 3·3	155	0	1	0·20	—	43·7	—	45	—
	Clacton-on-Sea	76	50	71·6	57·4	64·1	+ 2·8	155	0	1	0·19	—	49·0	—	50	—
	Rothamsted	83	48	73·9	54·5	63·6	+ 4·8	151	0	1	0·32	- 0·25	54·6	+ 13·1	56	+ 13
	†Shoeburyness (Southend)	79	52	73·4	58·1	65·3	+ 3·5	163	0	1	0·09	- 0·31	40·5	—	41	—
	London, Westminster	85	51	74·9	56·9	65·4	+ 4·1	164	0	1	0·24	- 0·29	46·9	+ 10·9	48	+ 11
4. MIDLAND COUNTIES. — Eastern part.	Harrogate	72	48	67·4	52·8	59·7	+ 3·0	124	0	5	0·87	+ 0·23	35·4	—	35	—
	†Bawtry (Worksop)	84	50	73·7	54·1	63·3	+ 4·9	149	0	2	0·36	- 0·18	39·9	+ 7·7	40	+ 8
	Nottingham	84	46	72·7	54·9	63·3	+ 4·5	149	0	4	0·38	- 0·19	41·5	—	42	—
	†Colly Weston (Oundle)	86	48	74·0	55·1	64·0	+ 4·3	154	0	1	0·30	- 0·25		—		—
	Birmingham, Edgbaston	84	47	73·1	56·1	64·1	+ 5·7	155	0	3	0·33	- 0·31	40·3	—	41	—
	Oxford	86	50	74·9	56·1	64·9	+ 5·1	160	0	1	0·28	- 0·26	56·5	+ 16·5	58	+ 17
4. MIDLAND COUNTIES. — Western part.	†Cheadle (Sheffield)	79	44	69·0	54·1	61·1	+ 4·5	134	0	5	0·53	- 0·26	47·1	—	48	—
	Shrewsbury	84	44	73·1	54·7	63·4	+ 4·3	150	0	3	0·43	—	*	*	*	*
	Hereford	82	49	74·3	55·5	64·3	+ 5·4	156	0	1	0·21	- 0·36	*	*	*	*
	Cirencester	83	47	73·5	53·3	62·8	+ 5·1	146	0	2	0·19	- 0·51	50·7	+ 11·0	52	+ 11
	Bath	82	51	71·9	55·1	63·0	+ 3·4	147	0	2	0·27	- 0·38	54·8	—	56	—
	(Margate)												40·9	- 0·6	42	- 1
5. ENGLAND, S.	Kew	86	50	75·0	56·4	65·1	+ 5·0	162	0	1	0·22	- 0·31	49·8	+ 9·2	51	+ 9
	Wisley, Surrey	86	49	75·3	54·9	64·5	+ 3·0	158	0	1	0·21	—	49·1	—	50	—
	†Swarraton (Ventnor)	83	46	72·6	52·7	62·1	+ 3·9	141	0	2	0·33	- 0·33	52·8	+ 7·6	54	+ 8
	Tunbridge Wells	85	47	73·2	54·6	63·3	+ 3·9	149	0	1	0·24	- 0·30	50·8	+ 7·9	52	+ 8
	†Dungeness (Littlestone)	75	48	69·0	55·1	61·6	+ 0·6	137	0	1	0·14	- 0·33	47·6	—	49	—
	Hastings	76	50	68·2	55·7	61·6	+ 0·8	137	0	1	0·13	- 0·44	43·7	- 2·6	45	- 3
	Southampton	82	51	74·2	56·8	65·0	+ 3·8	161	0	2	0·38	- 0·25	44·4	- 0·7	45	- 1
	†Portland Bill (Worthing)	67	55	64·4	58·1	61·1	+ 0·3	134	0	4	0·06	—	52·0	—	53	—
	(Eastbourne)												54·4	+ 9·0	56	+ 9
6. SCOTLAND, W.	†Laudale, (Oban)	67	47	63·4	51·6	57·2	+ 1·0	106	0	6	1·96	+ 0·53	15·9	—	16	—
	Glasgow	65	46	62·1	51·5	56·5	+ 0·6	102	0	6	1·95	+ 1·00	25·8	- 2·9	26	- 3
	Dumfries	71	44	66·6	51·5	58·6	+ 1·4	116	0	7	1·57	+ 0·70	*	*	*	*
	Cally	69	40	67·4	47·0	56·6	+ 0·8	102	0	6	0·95	- 0·10	*	*	*	*
	Douglas, Isle of Man	71	50	64·4	52·9	58·3	+ 1·6	114	0	6	1·85	+ 0·91	37·1	- 1·1	37	- 1
7. ENGLAND, N.W.	Aspatria	67	46	63·9	51·9	57·5	+ 1·0	109	0	5	1·45	+ 0·47	25·3	—	25	—
	Newton Rigg	68	45	64·6	51·2	57·5	+ 2·0	109	0	6	0·84	+ 0·05	31·0	- 2·0	31	- 2
	Stonyhurst	69	46	64·3	52·9	58·3	+ 1·3	114	0	6	1·50	+ 0·33	37·9	+ 4·8	38	+ 5
	Blackpool	68	47	64·9	53·4	58·8	+ 0·4	118	0	6	0·71	- 0·11	44·1	+ 8·7	45	+ 9
	Manchester, Prestwich	77	47	68·8	54·5	61·2	+ 3·6	134	0	4	1·39	+ 0·51	41·0	+ 11·3	41	+ 11
	†Liverpool Obs. (Hoylake)	73	52	67·7	55·7	61·3	+ 2·5	135	0	5	0·98	+ 0·29	52·5	—	53	—
	†Hawarden Bridge (Southport)	74	51	70·5	56·6	63·1	+ 3·8	148	0	4	0·71	+ 0·05	43·4	—	44	—
NORTH WALES	Llandudno	73	52	68·1	56·3	61·9	+ 2·4	139	0	5	0·83	+ 0·15	48·6	+ 12·2	49	+ 12
	†Holyhead (Aberdovey)	67	50	64·3	54·1	58·9	+ 0·5	118	0	6	1·23	+ 0·50	38·9	—	39	—
	Bettws-y-Coed	80	45	68·9	55·3	61·7	+ 3·1	138	0	4	0·91	—	44·7	—	45	—
8. SOUTH WALES	Llangammarch Wells	80	46	68·4	53·0	60·2	+ 3·2	127	0	6	1·05	—	45·3	—	46	—
	Pembroke	68	52	63·4	56·1	59·5	+ 0·8	123	0	5	1·03	+ 0·34	30·8	- 11·5	31	- 12
	†Cardiff (Aberystwyth)	81	51	70·1	55·5	62·4	+ 2·7	143	0	6	0·78	- 0·25	40·8	—	41	—
8. ENGLAND, S.W.	†Clifton (Torquay)	83	54	71·8	58·3	64·7	+ 4·4	159	0	2	0·38	- 0·42	44·7	- 0·9	46	- 1
	†Shaftesbury (Marlborough)	80	49	70·1	55·0	62·1	+ 3·8	141	0	2	0·40	- 0·25	40·8	+ 2·1	42	+ 2
	†Arlington (Newquay)	79	50	68·4	54·3	60·9	+ 3·3	132	0	6	1·24	+ 0·12	46·4	+ 1·7	47	+ 2
	Cullompton	80	48	72·5	56·2	63·9	+ 4·5	153	0	3	0·43	- 0·24	43·1	+ 3·1	44	+ 3
	Plymouth	75	53	67·7	56·7	61·9	+ 1·7	139	0	4	0·21	- 0·49	40·8	- 2·3	42	- 2
	Falmouth	71	53	67·5	56·3	61·6	+ 1·9	137	0	4	0·31	- 0·48	44·3	- 2·2	45	- 2
9. IRELAND, N. — Western part.	Malin Head	63	50	60·9	53·4	56·9	+ 0·1	104	0	6	1·26	+ 0·49	*	*	*	*
	Edenfel	71	48	64·6	53·9	58·9	+ 3·3	118	0	6	1·34	+ 0·41	*	*	*	*
	Blacksod Point	65	51	62·7	55·6	58·9	+ 1·4	118	0	6	0·99	- 0·09	*	*	*	*
	Markree Castle	70	48	65·8	53·6	59·3	+ 3·2	121	0	5	1·43	+ 0·47	17·1	- 11·3	17	- 11
9. IRELAND, N. — Eastern part.	Armagh	69	48	67·2	54·8	60·6	+ 4·1	130	0	4	1·00	+ 0·22	23·9	- 5·0	24	- 5
	Donaghadee	72	48	66·3	52·7	59·1	+ 2·4	120	0	4	1·44	+ 0·68	*	*	*	*
10. IRELAND, S. — Eastern part.	†Dublin, City (Phœnix Park)	76	49	71·2	57·3	63·8	+ 5·1	153	0	4	0·52	- 0·18	46·2	+ 10·0	47	+ 10
	Kilkenny	75	40	70·0	51·7	60·3	+ 2·2	128	0	2	0·71	- 0·09	*	*	*	*
	Waterford	74	44	69·3	54·7	61·6	+ 3·4	137	0	3	0·96	+ 0·09	*	*	*	*
10. IRELAND, S. — Western part.	Birr Castle	76	44	68·4	52·4	59·9	+ 2·5	125	0	6	0·59	- 0·28	25·8	- 6·2	26	- 6
	Foynes	75	47	67·3	53·8	60·2	+ 2·4	127	0	6	0·64	- 0·24	*	*	*	*
	Killarney	77	44	70·2	55·9	62·6	+ 4·1	144	0	5	0·48	- 0·58	*	*	*	*
	Valencia	70	45	65·7	56·0	60·6	+ 1·9	130	0	7	1·24	+ 0·10	19·3	- 14·7	20	- 15
	†Roches Point (Ballinacurra)	69	48	64·9	55·1	59·7	+ 0·8	124	0	5	0·79	- 0·16	24·7	—	25	—
11. ENGLISH CHANNEL	Scilly, St. Mary's	67	56	66·0	58·0	61·8	+ 1·3	139	0	2	0·26	- 0·35	36·9	- 13·1	38	- 13
	†Jersey, St. Aubins (St. Heliers)	81	52	70·7	58·4	64·2	+ 1·8	155	0	4	0·19	- 0·40	59·9	+ 6·9	62	+ 7
	Guernsey	81	54	68·6	58·3	63·1	+ 1·9	148	0	3	0·16	- 0·47	55·0	+ 1·7	57	+ 2

Information for Stations marked ℳ is supplied by the Royal Meteorological Society, and that for Stations marked 𝒮 is supplied by the Scottish Meteorological Society.
* An Asterisk is inserted in all places for which the information is not usually given.
† There is no Sunshine Recorder in use at this Station. The figures entered for Sunshine are those recorded at a Station in the same district of which the name is given in brackets.

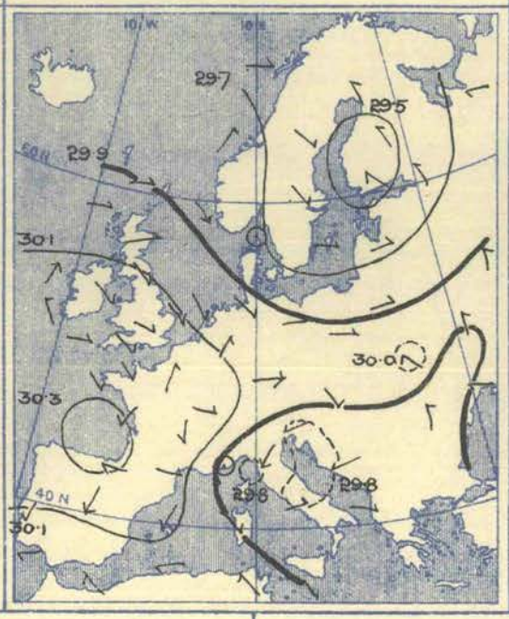
Additional Sunshine Totals for the week: Ramsgate, 45·9 hrs., 47 %; Brighton, 45·4 hrs. (- 1·8), 46 % (- 2 %); Bournemouth, 53·4 hrs., 55 %; Bognor, 51·8 hrs., 53 %; Rhyl, 48·5 hrs., 49 %; Tenby, 29·3 hrs., (- 13·4), 30 % (- 14 %).

Sunday, 19th August, 1906.

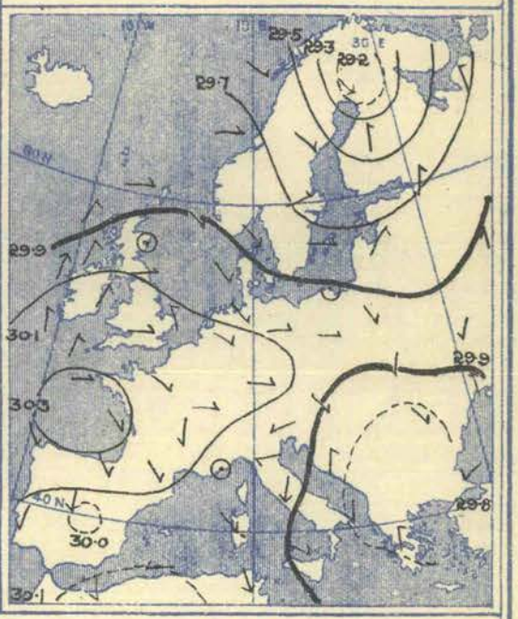
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine in most regions, but a good deal of cloud prevailing over this country and in various parts of northern Europe, as well as over the Adriatic. Rain falling at Bodö, Helsingfors, and Trieste. Rain experienced later over Scandinavia, Finland, the north and west of our Islands, and in a few parts of southern Europe later in day; largest amounts, 0·8 in. at Hermanstadt, and 1·0 in. at Uleaborg.

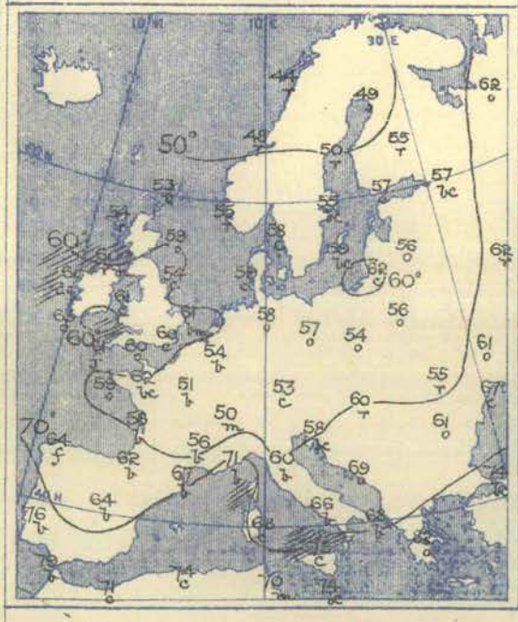
TEMPERATURE fallen as a whole. Readings in morning ranging from 79° at Malta and above 70° in the south generally to below 60° over Europe as a whole, and to below 55° in several of the more northern regions. Maxima during day less than 65° at most of our own stations, but 72° at St. Petersburg, and above 80° in the southern countries. Thermometer rising to 91° at Palermo, 93° at Lisbon, and 95° at Madrid and San Fernando.

WIND in morning showing a very extensive cyclonic circulation over northern Europe and a smaller movement over Italy and its neighbourhood. Light North-Westerly and Westerly winds prevailing over the United Kingdom, and moderate North-Easterly breezes over the Spanish Peninsula. Scarcely any force beyond a moderate breeze in any part of our area. Some increase in strength taking place in the extreme north later, but no general change occurring. Becoming more Southerly on our western coasts.

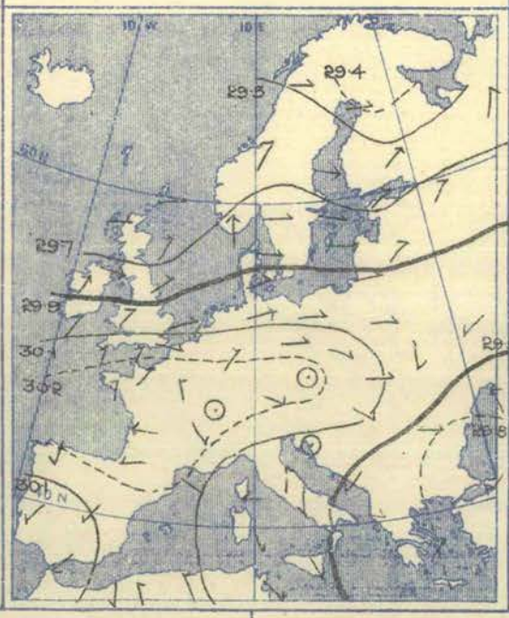
BAROMETER in morning above 30·2 ins. in an anticyclone covering the Bay of Biscay and the adjacent portions of these Islands, France, and Spain. Below 29·9 ins. in two minima over Italy and the Adriatic, and less than 29·5 ins. in a well-defined system over Finland. Latter disturbance apparently moving northwards and increasing in depth during day. A rather decided fall of the barometer taking place over our north-west and west coasts.

Monday, 20th August, 1906.

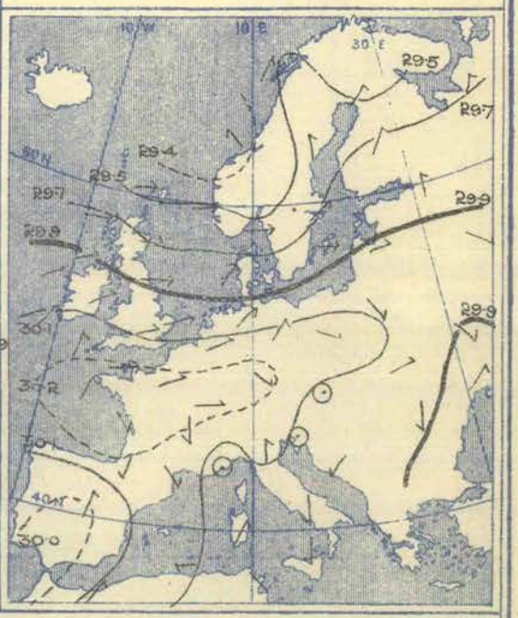
Temperature and Weather 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. cloudy or overcast in most parts of these Islands, with rain at several stations in Ireland and Scotland and fog on the south-west coasts. Generally fine over the Continent, but rainy along the coast of Norway and in Finland, as well as at Lemberg. Slight rain falling later at a few of our own stations and heavy measurements in various parts of northern Europe.

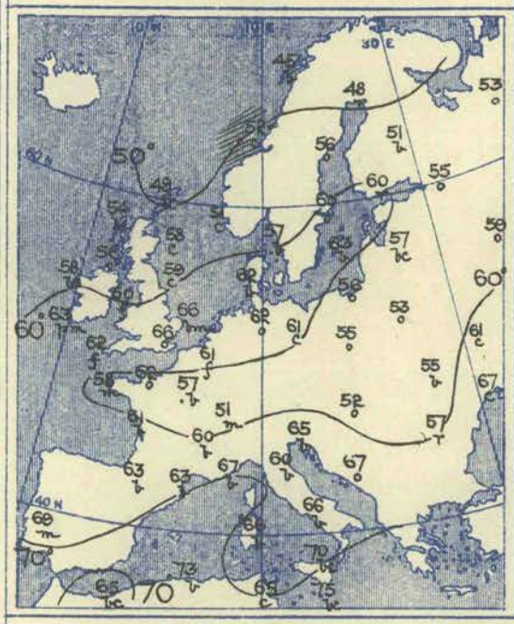
TEMPERATURE risen in our Islands, changed little or fallen over the greater portion of the Continent. Readings in morning 82° at Patras, 79° at San Fernando, and above 70° at nearly all stations in the Mediterranean region. As low as 44° at Bodö, 50° at Belfort, 51° at Paris and Limoges, and 53° at Munich and Frankfort. Rising during day to 95° at Madrid, 91° at Sfax, and to above 80° very generally in the south. Maxima above 75° at some of our own stations and 78° at Nottingham and Skegness.

WIND in morning light to fresh from between West and South over the northern half of our area, and mainly North-Easterly in the south-east and south. Some increase in force later over our Islands, the North Sea and Denmark, but no other change of importance.

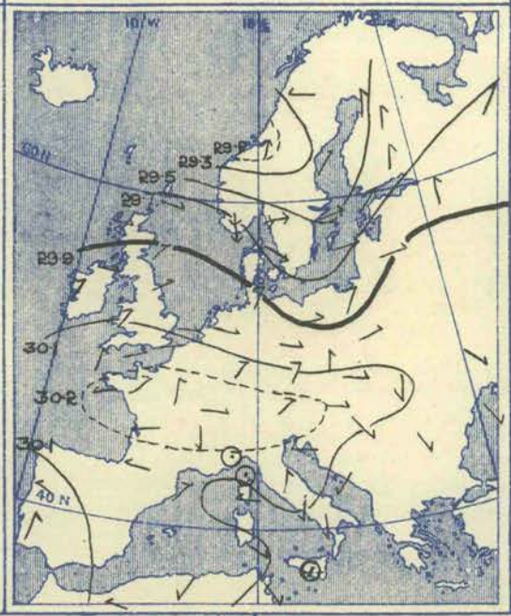
BAROMETER in morning 30·2 ins. and upwards in a large area extending from the Bay of Biscay across France to South Germany. Below 29·8 ins. in a depression over the south-east of Europe, below 29·6 ins. in another system off the north of Scotland, and below 29·4 ins. in Lapland. Disturbance off our northern coast travelling eastwards during day and apparently increasing in depth. Little modification taking place in the general distribution of pressure.

Tuesday, 21st August, 1906.

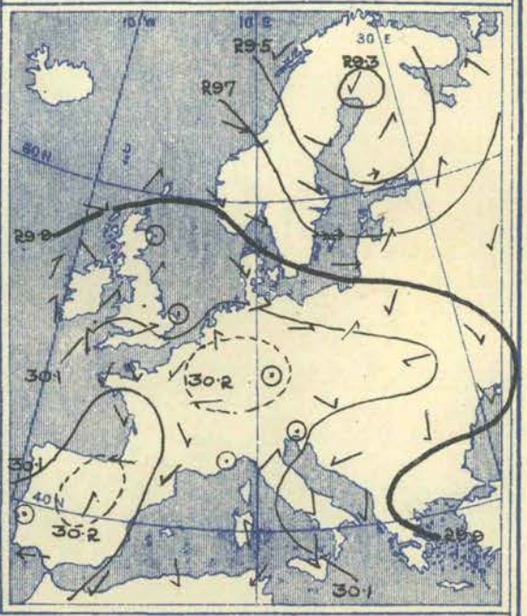
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fair or fine in most regions, but overcast and unsettled, with rain in places in Scandinavia and its vicinity and also in the extreme north of Scotland. Rain falling later in most parts of Ireland and Scotland, heavily at Malin Head, as well as the north-east of Europe.

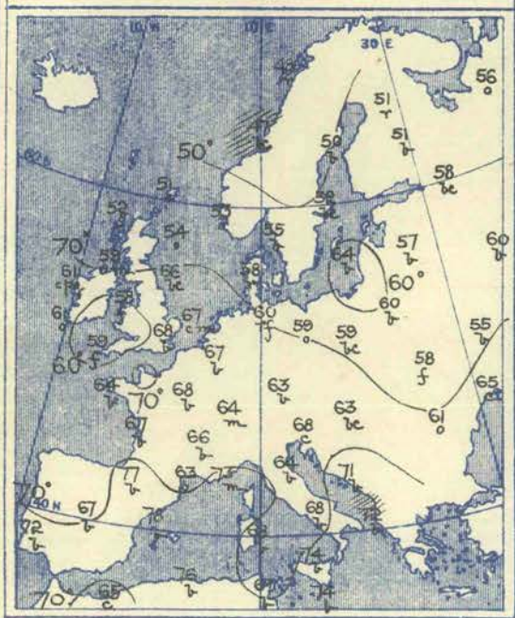
TEMPERATURE in morning as high as 79° at Barcelona and above 70° at several other southern stations. Below 60° in several parts of central and northern Europe and as low as 45° at Bodö. Rising during day to 77° at Margate, 78° in London, to between 80° and 90° in the south of Europe, and to nearly 100° in places. Highest readings, 99° at Bilbao, 97° at Madrid, 91° in the south-west of France, and 90° at Aumale.

WIND in morning showing a very extensive anticyclonic circulation over the central countries and a partial cyclonic circulation movement in the north. A Southerly gale prevailing at Christiansund and North-Westerly to Westerly gales in the south-west and south of Norway; strong Westerly and South-Westerly winds over the Baltic and the Gulf of Finland, and moderate Easterly breezes in the far north. Wind continuing strong to a gale over the southern regions of Scandinavia and the Baltic.

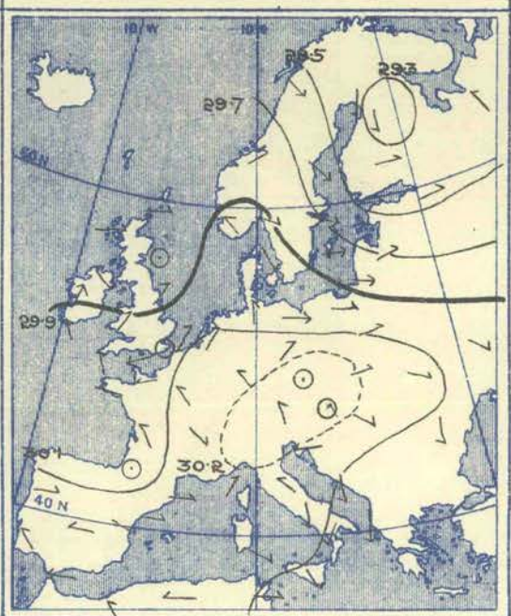
BAROMETER in morning ranging from above 30·2 ins. in the central space of a large anticyclone over France and South Germany to less than 29·2 ins. in a deep depression centred off the north-west of Norway. Gradient slight to moderate as a whole, but steep between the Shetlands and Christiansund. Pressure decreasing decidedly in France and Spain during day and increasing very quickly in Norway in the rear of the depression travelling away north-eastwards to the north of Finland.

Wednesday, 22nd August, 1906.

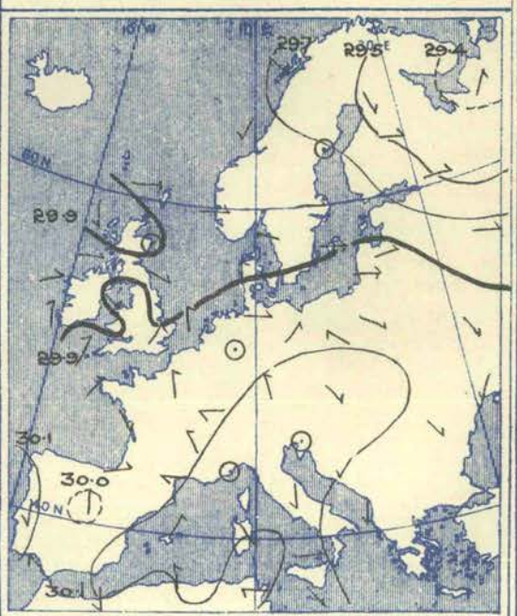
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. rainy in Scotland and foggy at some of our western and southern coast stations; fair or fine over our area as a whole, but rain falling at Fanö and in the far north of Scandinavia. Rain falling later in various parts of Russia, Germany, Scandinavia, and the north-east of Great Britain, and lightning observed in the north-west of England.

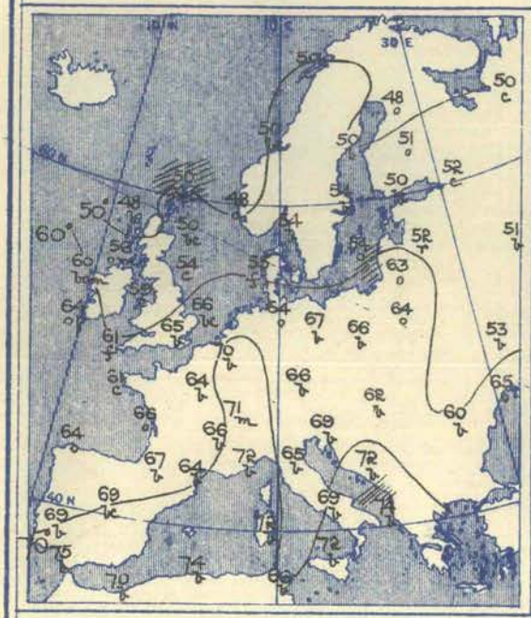
TEMPERATURE fallen in Scotland and at some of our western and northern stations, risen generally. Readings in morning nearly 70° at some of our own south-eastern and central stations and above that value in the south of Europe and over Algeria. Below 60° in several northern regions, and as low as 47° at Christiansund. Rising during day to 84° at Nottingham and Birmingham, 85° at Margate and in London, 86° at Oxford, 87° at Paris, to 96° at Lyons, 97° at Bordeaux, and 95° at Madrid.

WIND in morning showing a cyclonic circulation over the northern countries of the Continent and an anticyclonic movement over the central regions. North-Westerly current strong in Sweden, and a Westerly gale blowing at Wisby. Wind light and rather variable over the United Kingdom, but mainly between South and West. Becoming extremely variable in directions over our Islands and their neighbourhood by evening; not much change as a whole.

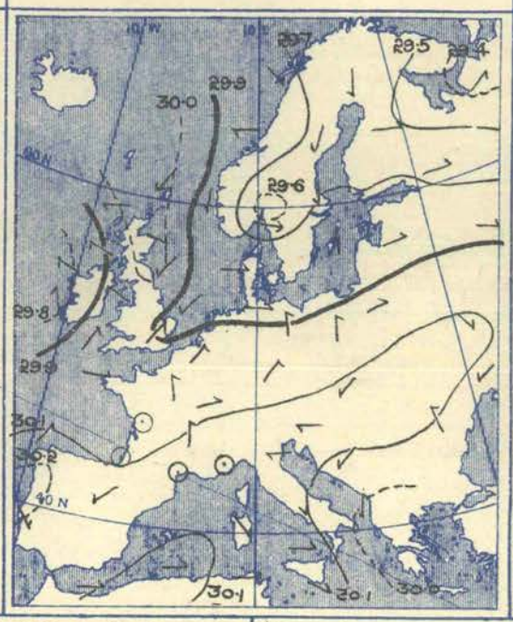
BAROMETER in morning above 30·2 ins. in a high pressure system over central Europe and as low as 29·3 ins. in a depression over the north of Finland. Gradients rather steep over the northern half of the Continent. Latter system travelling eastwards during day and high pressure giving way somewhat. Barometer rising in Scotland and falling over England and Ireland; readings becoming very uniform over these Islands, but shallow irregularities of pressure appearing.

Thursday, 23rd August, 1906.

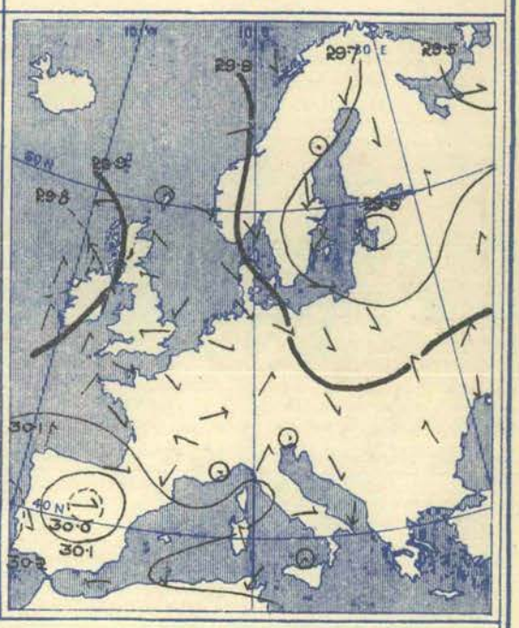
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fair or fine as a whole, but rainy at some stations on the shores of the Baltic and showery in the south-west of Ireland. Rain experienced later at most of our own stations and in a few Continental regions, and thunderstorms at Bettws-y-Coed and in some French localities.

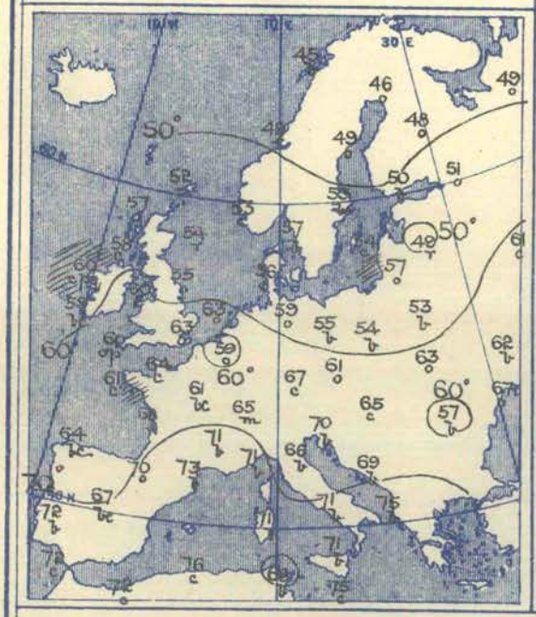
TEMPERATURE changed rather irregularly, but fallen in most places. Readings in morning ranging from 84° at Palma and between 70° and 80° in the south generally to about 50° in Scotland and the extreme north of the Continent. Lowest values, 48° at Stornoway and Ulcaborg. Maxima during day 79° in London, 81° at Oxford, about 90° in many parts of France, central Europe, and Italy, and as high as 95° at Lyons and 97° at Madrid. Thermometer not touching 60° at some of our own northern stations.

WIND at 8 a.m. varying much in direction. Mainly North-Easterly over Great Britain, but Westerly on the south coast. A moderate Southerly to South-Easterly breeze prevailing in the west. A cyclonic circulation of moderate force shown over Scandinavia and a strong Northerly wind at Brindisi, but no general current prevailing over the Continent as a whole. North-Easterly wind increasing over the east of England during afternoon and early evening, but Westerly current continuing at the English Channel stations. A strong North-East gale setting in at Wisby by evening.

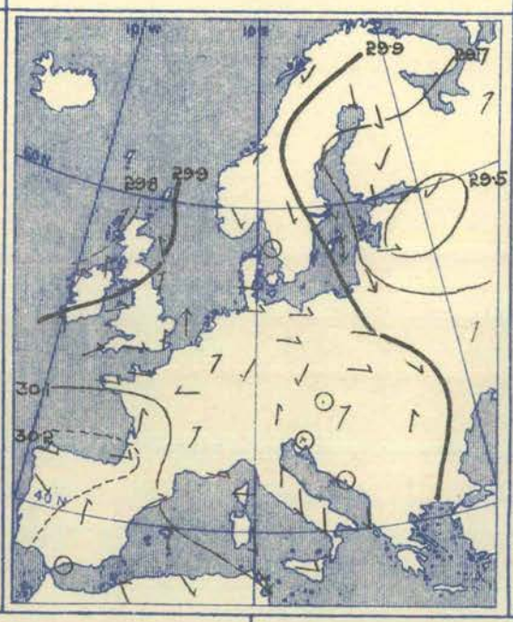
BAROMETER in morning above 30·1 ins. in a large area over the Mediterranean and a considerable portion of southern Europe, and above 30·0 ins. in an anticyclone extending over Scotland from the northward. Below 29·8 ins. in a depression off the west of Ireland, below 29·6 ins. in a disturbance over the Skager Rack, and less than 29·4 ins. in another system over the White Sea. Northern high pressure system spreading quickly eastwards and southwards during day and western depression travelling northwards and spreading eastwards.

Friday, 24th August, 1906.

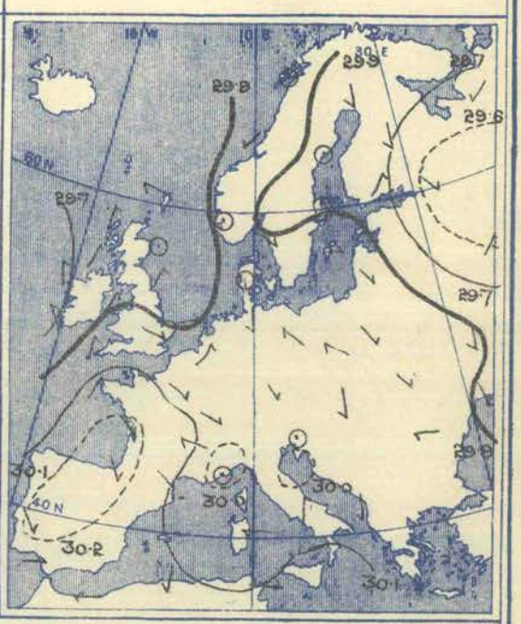
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fair or fine in nearly all the southern regions; cloudy or overcast in most other localities, with rain or passing showers in Scotland and the north-west of Ireland, at Christiansund, and on various shores of the Baltic. Rain and rough weather becoming general over our Islands by evening or night and rain also falling in the Low Countries, Denmark, and Russia, as well as at Munich. Largest amounts, 0·7 in. at Nairn and North Shields, 1·0 in. at Donaghadee, and 0·6 in. at Fanö and Munich.

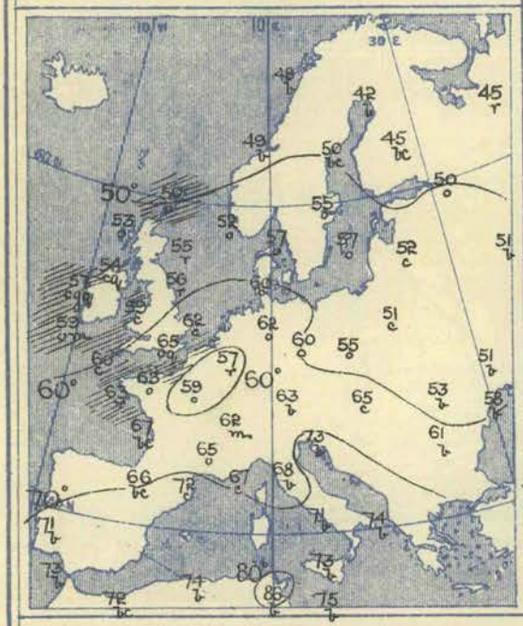
TEMPERATURE changed irregularly. Readings in morning 82° at Palma, 81° at Sfax, and above 70° at many other southern stations. Below 60° over a great part of the Continent and the United Kingdom, and as low as 45° at Ulcaborg. Rising subsequently to 97° at Madrid, 95° at Sfax, 91° at Gap, and to upwards of 90° in most places on the shores of the Mediterranean and at some stations in central Europe. Highest maximum in these Islands, 75° at Nottingham and in London.

WIND in morning showing an extensive cyclonic movement over the east and north-east of our area, light or moderate generally, but Northerly current blowing a gale at Wisby. Light variable airs prevailing over the Mediterranean region, and light Southerly and South-Westerly winds in the United Kingdom. Increasing to a fresh or strong breeze from the Southward on our western and southern coasts by evening and to a very strong breeze or to a gale during night. Gale at Wisby subsiding.

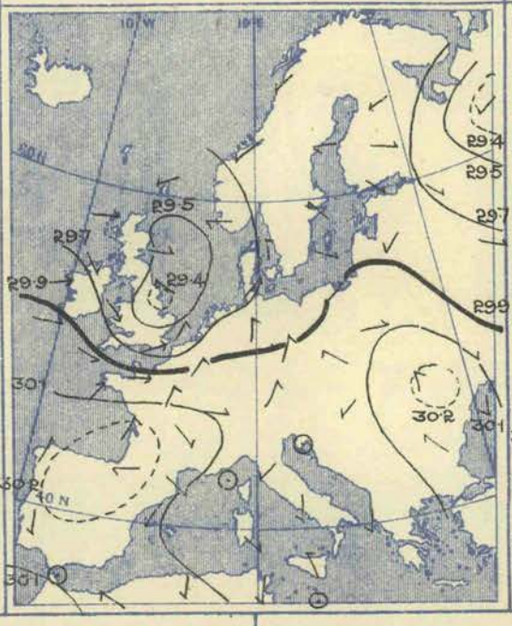
BAROMETER in morning above 30·3 ins. over Portugal, the north of Spain and the south of the Bay of Biscay, and relatively high over the whole of central Europe. Below 29·8 ins. off our north-west coasts, and as low as 29·5 ins. in a depression over Russia. Pressure decreasing quickly over Ireland and the west of England by evening and in night, and a deep depression advancing over these Islands from the Atlantic. Russian disturbance moving eastwards.

Saturday, 25th August, 1906.

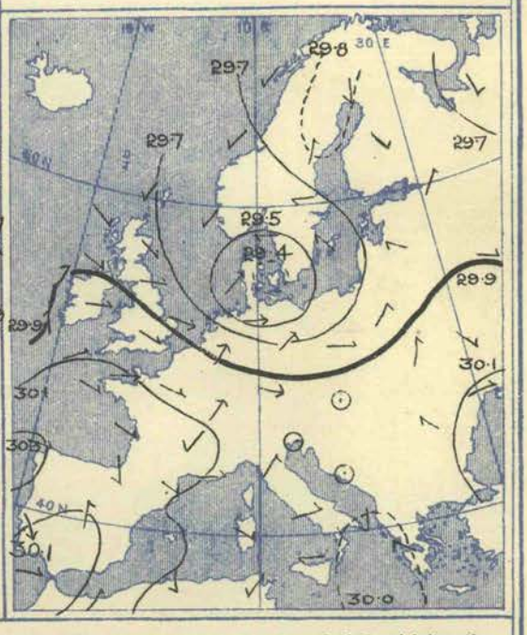
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. rough and squally over the United Kingdom and its immediate neighbourhood, with rain or passing showers in places. Fine and bright over the southern regions of our area and also in the north of Scandinavia, dull in central Europe, and dull and rainy at Archangel. Improving later over these Islands, but becoming rainy over the northern countries of the Continent. More than an inch falling at Swindemünde and as much as 1·2 in. at Copenhagen and Oxö.

TEMPERATURE fallen generally. Readings in morning ranging from 86° at Tunis and above 70° at a few other southern stations to below 60° over the east and north of our area, and to less than 50° over Finland and the northern parts of Scandinavia and Russia. Lowest value, 41° at Uleaborg. Rising later to 99° at Madrid, 94° at Cagliari, 91° at Patras and Tunis, and to between 80° and 90° in the south generally. Maxima below 70° at nearly all our own stations, and below 60° in the north of Scotland.

WIND in morning circulating cyclonically over the British Islands and their vicinity, the Westerly current on our south and south-west coasts blowing very strongly generally and with the force of a gale at Portland Bill. Light variable airs prevailing over the south of Europe and moderate breezes from some Northerly point over Russia. Decreasing in force by afternoon over this country and increasing considerably on the eastern and southern shores of the North Sea. Backing suddenly to the Southward again by evening in the west of Ireland.

BAROMETER in morning highest, 30·2 ins. and above, in an anticyclone centred over the north of Spain. Lowest, 29·4 ins. and less, in a depression having its minimum over the north-east of England and in another system over the extreme north of Russia. Former disturbance travelling very quickly eastwards to Denmark during day and barometer rising briskly over Great Britain. Gradients becoming steep over Holland and North Germany. Pressure giving way again in the south-west of Ireland by evening.

IV.—TEMPERATURE on the Grass, and in the Ground.

	STATION.	Grass Min. No. of Obs. of 30° or less.	Grass Min. Lowest reading.	Mean Earth Temp. At 1 foot.	Mean Earth Temp. At 4 feet.
			°	°	°
2.	York	—	—	60·5	57·8
	Hull	0	42	60·0	58·0
3.	Cambridge	0	39	—	—
	Dunmow	0	39	—	—
4.	Harrogate	0	45	57·3	56·0
	Sheffield	0	47	60·2	56·3
	Birmingham	0	41	58·3	54·5
	Nottingham	—	—	62·2	60·1
5.	Kew	0	43	63·1	59·6
	Canterbury	0	52	64·7	61·9
	Portsmouth	0	47	65·8	62·6
6.	Glasgow	0	41	—	—
7.	Newton Rigg	0	39	59·4	56·3
	Bettws-y-Coed	0	45	59·0	56·9
	Manchester (Oldham Road)	0	45	61·5	59·9
8.	Llangammarch Wells	—	—	60·4	56·0
	Bath				
	Plymouth	0	50	63·8	—
9.	Armagh	0	47	61·3	58·0
	Markree	0	44	—	—
10.	Dublin, Trin. Coll.	—	—	62·2	58·4
11.	Guernsey, Brooklyn	0	47	64·1	61·9

V.—OBSERVATIONS IN THE UPPER AIR.—Temperature, Humidity and Wind Velocity.

Date of Observation.	Station and its Height above M.S.L.		Heights in feet above Mean Sea Level. Ground Level.	1,660.	3,320.	5,000.	6,660.	8,320.	10,000.	Remarks.
1906. August 20th, 10.40 a.m. to 12.14 p.m.	Ditcham Park, Petersfield, 400 ft.	Temperature F.	60°	55°	63°	[58°]				One 9 ft. kite. Wire 6,520 ft. Max. height 4,850 ft. Sky overcast with slight drizzle at times. Cloud level about 900 ft. Inversion from 55°·5 at 1,500 ft. to 64° at 2,200 ft.
		Humidity	95	90	80	[60]				
		Wind Velocity, m. per hr.	SW, 28	24	34	[W, 40]				
August 20th, 4.20 p.m. to 4.50 p.m.	Glossop Moor, 1,100 ft.	Temperature F.	67°	62°						One 7 ft. kite. At 4.50 p.m. a squall struck the kite and broke it. Max. wind velocity 50 miles per hr. Max. height 2,300 ft.
		Humidity	85	100						
		Wind Velocity, m. per hr.	SW	SW, 33						
August 21st, 2.18 p.m. to 5.28 p.m.	Glossop Moor, 1,100 ft.	Temperature F.	65°	—	—	45°				Defective record, clock stopped. Two 9 ft. kites. Wire 7,680 ft.
		Humidity	92	—	—	—				
		Wind Velocity, m. per hr.	WSW	—	—	W, 30				
August 22nd, 2.30 p.m. to 5.5 p.m.	Glossop Moor, 1,100 ft.	Temperature F.	72°	67°						Two 9 ft. kites. Light and variable breeze.
		Humidity	65	75						
		Wind Velocity, m. per hr.	WSW	W by S, 17						
August 23rd, 2.18 p.m. to 5.25 p.m.	Glossop Moor, 1,100 ft.	Temperature F.	62°	55°	[52°]					Two 9 ft. kites. Wire 7,400 ft. Max. height 3,000 ft. Strong breeze at ground level, but calm above 3,000 ft.
		Humidity	75	80	[80]					
		Wind Velocity, m. per hr.	SE	SE by S, 35	S					
August 24th, 2.30 p.m. to 4.50 p.m.	Glossop Moor, 1,100 ft.	Temperature F.	64°	59°	47°	38°	30°			Two 9 ft. kites. Wire 9,430 ft. Lower cloud level 4,300 ft.
		Humidity	75	80	90	100	100			
		Wind Velocity, m. per hr.	W by S	W by S, 23	W, 25	NW by W, 26	NW by W, 34			
August 25th, 5.7 p.m. to 6.35 p.m.	Brighton, 380 ft.	Temperature F.	62°	55°	[49°]					One 7 ft. kite. Wire 5,500 ft. Max. height 2,675 ft. Cirro-stratus overhead. Cumulus N and S horizon. Clouds not reached.
		Humidity	65	65	[70]					
		Wind Velocity, m. per hr.	NW by N, 30	NW by N, 25	[NW by N, 37]					
August 25th, 5.0 p.m. to 5.25 p.m.	Glossop Moor, 1,100 ft.	Temperature F.	56°	53°						One 7 ft. kite. The kite broke when the wind velocity reached 50 miles per hr. at a height of 2,200 ft.
		Humidity	89	100						
		Wind Velocity, m. per hr.	WSW	WSW, 40						

63, Victoria Street, London, S.W. *August 29th, 1906.*

W. N. SHAW, *Director.*

WEEKLY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE,

AND PUBLISHED FOR H.M. STATIONERY OFFICE BY WYMAN AND SONS, LTD., FETTER LANE, E.C., AND 32, ABINGDON STREET, WESTMINSTER, S.W.; OR OLIVER AND BOYD, EDINBURGH; OR E. PONSONBY, 116, GRAFTON STREET, DUBLIN.

TWENTY-NINTH YEAR. *Vol. XXIII. (New Series.)* } No. 35. THIRTY-FIFTH WEEK, ENDING SATURDAY, SEPTEMBER 1ST, 1906.

Price 6d.
Annual Subscription post paid £1 10s. 0d.

SUPPLIED BY FOR THE PUBLIC SERVICE

I.—GENERAL REMARKS.

Weather was rather unsettled in the north and north-west as the period commenced, and the sky cloudy or overcast generally, but the sky soon became cloudless throughout the whole Kingdom, and continued so with scarcely any interruption until the end of the week. Thunder was heard at Marchmont on the 29th, and local fogs were experienced from time to time on some parts of our western and south-western coasts.

Temperature, after being about normal for a few days, rose very quickly and became extremely high, the mean for the week being much above the average generally and no less than 7° in Ireland N., and 7·5° in the Midland Counties. The highest of the maxima, recorded either on Friday or Saturday, were 90° or above over the greater part of England, only a little below 90° in Scotland and above 80° in Ireland. The absolute maxima were 95° in the Midland Counties (at Colly Weston on Saturday), 93° in England E. and N.E. (at Cambridge and Rauceby on Friday and Fulbeck on Saturday), 92° in England S. (at Kew and Wisley on Saturday), and 90° in England N.W. (at Hawarden Bridge on Saturday). The lowest of the minima were recorded on various dates: in England S.W. the thermometer fell to 38° and in the Midland Counties to 40°, while elsewhere the readings ranged from 41° in Scotland N. and E. and England S. and E. to 47° in Ireland N. and to 57° in the Channel Islands. The extreme range of temperature in the Midland Counties was 55°; at Bawtry the range within the 24 hours of Friday equalled 44°. In several localities the maximum temperature on Friday or Saturday was higher than any previously recorded.

Rainfall.—Over the greater part of the Kingdom the week was rainless, and the falls that occurred in the north and north-west at the opening of the period were slight.

Bright Sunshine exceeded the normal in all districts, the excess being very large in all parts of the country except Scotland N. The percentage of the possible duration ranged from 74 in England E., 71 in the Midland Counties and England S., 70 in England N.W. and the Channel Islands to 47 in Scotland E. and to 31 in Scotland N.

Barometer and Wind.—The general type of pressure distribution was anticyclonic, although it was only during the earlier half of the period that the central space of the anticyclone was over or in the immediate neighbourhood of these Islands. On Sunday the anticyclone lay over France and a shallow depression was shown over the west and north of Scotland, but by Monday morning the high pressure had extended Northwards to the Shetlands. It then increased in intensity and moved eastward to the central countries of Europe, these Islands still forming part of its western segment. Before the central area of the high pressure had passed to the Continent the wind was Easterly over the south-east, south and south-west of our Islands, but subsequently it became Southerly very generally and continued very light in force.

SUMMARY OF TEMPERATURE, RAINFALL, AND DURATION OF BRIGHT SUNSHINE IN THE UNITED KINGDOM, FOR AGRICULTURAL AND SANITARY PURPOSES.

THE WEEK (35th)—August 26th to September 1st, 1906.

DISTRICTS. (See p. 206.)	Temperature. Highest.	Lowest.	Means of Daily Max.	Daily Min.	Daily Mean.	Difference from Av. (35 Yrs.)	Accumulated. Number of Day-Degrees. Above 42°	Difference from Av. (25 Yrs.)	Below 42°	Difference from Av. (25 Yrs.)	Rainfall. Number of Rain-Days.	Diff. from Av. (35 Yrs.)	Total Fall.	Difference from Average (35 Yrs.)	Sunshine. Hours recorded.	Diff. from Av. (25 Yrs.)	Percentage of Possible Duration	Diff. from Av. (25 Yrs.)
	°	°	°	°	°	°	Day-deg.	Day-deg.	Day-deg	Day-deg.			Inches.	Inches.			%	%
0. SCOTLAND, NORTH ..	87	41	66·8	50·6	58·2	+ 4·8	113	+ 31	0	0	3	- 2	0·17	- 0·85	30	+ 5	31	+ 5
Eastern 1. SCOTLAND, EAST ..	88	41	72·6	50·1	60·7	+ 6·2	131	+ 40	0	0	1	- 3	0·03	- 0·61	46	+ 18	47	+18
Eastern 2. ENGLAND, N.E. ..	93	46	75·7	53·2	63·8	+ 6·8	153	+ 51	0	0	1	- 2	0·02	- 0·54	60†	+ 26	63†	+27
Eastern 3. ENGLAND, EAST ..	93	41	75·3	52·8	63·4	+ 4·2	150	+ 35	0	0	0	- 3	0·00	- 0·53	70	+ 31	74	+32
Eastern 4. MIDLAND COUNTIES	95	40	79·5	51·6	64·7	+ 7·2	159	+ 51	0	0	0	- 3	0·00	- 0·61	68	+ 34	71	+36
Eastern 5. ENGLAND, SOUTH ..	92	41	76·1	54·8	64·8	+ 5·3	160	+ 36	0	0	0	- 3	0·00	- 0·57	67	+ 26	71	+27
Western 6. SCOTLAND, WEST ..	88	45	72·3	51·9	61·5	+ 6·1	137	+ 41	0	0	1	- 3	0·08	- 0·96	49	+ 16	50	+17
Western 7. ENGLAND, N.W. ..	90	46	74·7	53·6	63·6	+ 6·4	151	+ 44	0	0	1	- 3	0·03	- 0·78	67	+ 36	70	+38
Western 8. ENGLAND, S.W. ..	88	38	74·2	54·4	63·7	+ 5·6	152	+ 37	0	0	0	- 4	0·00	- 0·80	65	+ 26	68	+27
Western 9. IRELAND, NORTH ..	84	47	71·4	55·1	62·8	+ 7·0	146	+ 47	0	0	1	- 4	0·02	- 0·84	55	+ 27	57	+28
Western 10. IRELAND, SOUTH ..	81	43	71·3	55·3	62·8	+ 5·4	146	+ 38	0	0	1	- 3	0·01	- 0·84	55	+ 25	57	+26
11. CHANNEL ISLANDS..	89	57	72·5	59·1	65·4	+ 4·7	164	+ 31	0	0	0	- 4	0·00	- 0·64	66	+ 17	70	+18

THE SEASON (Summer).—Aggregates, &c., for the Period of 13 Weeks, June 3rd to September 1st, 1906.

0. SCOTLAND NORTH ..	87	32	*	*	*	*	1122	+ 61	0	- 4	55	+ 1	9·89	- 0·56	432	+ 33	29	+ 2
Eastern 1. SCOTLAND, EAST ..	88	33	*	*	*	*	1305	+ 72	0	- 2	48	0	7·23	- 1·17	504	+ 30	34	+ 2
Eastern 2. ENGLAND, N.E. ..	93	34	*	*	*	*	1583	+203	0	- 1	36	- 5	5·07	- 2·00	606†	+ 82	42†	+ 6
Eastern 3. ENGLAND, EAST ..	93	33	*	*	*	*	1709	+157	0	- 1	23	- 16	4·18	- 2·62	732	+158	52	+11
Eastern 4. MIDLAND COUNTIES	95	33	*	*	*	*	1651	+147	0	- 1	31	- 11	4·52	- 3·10	636	+136	45	+10
Eastern 5. ENGLAND, SOUTH ..	92	34	*	*	*	*	1684	+ 35	0	0	25	- 14	3·44	- 3·35	753	+148	54	+11
Western 6. SCOTLAND, WEST ..	88	40	*	*	*	*	1381	+ 95	0	- 1	50	+ 1	9·66	- 1·65	551	+ 44	38	+ 3
Western 7. ENGLAND, N.W. ..	90	38	*	*	*	*	1534	+107	0	0	44	- 2	7·17	- 1·96	611	+ 97	43	+ 7
Western 8. ENGLAND, S.W. ..	88	34	*	*	*	*	1580	+ 64	0	0	40	- 4	6·66	- 2·42	624	+ 44	45	+ 3
Western 9. IRELAND, NORTH ..	84	36	*	*	*	*	1370	+ 47	0	0	53	- 3	7·63	- 1·94	485	+ 54	34	+ 4
Western 10. IRELAND, SOUTH ..	81	36	*	*	*	*	1573	+117	0	0	54	+ 5	7·71	- 2·08	521	+ 31	37	+ 2
11. CHANNEL ISLANDS..	89	44	*	*	*	*	1725	+ 63	0	0	28	- 14	3·05	- 3·91	737	+ 27	53	+ 2

THE YEAR.—Aggregates, &c., for the period of 35 Weeks, December 31st, 1905, to September 1st, 1906.

0. SCOTLAND, NORTH ..	87	8	*	*	*	*	1424	- 71	646	+ 87	173	+24	34·79	+4·97	904	+ 8	27	0
Eastern 1. SCOTLAND, EAST ..	88	11	*	*	*	*	1736	- 18	624	+ 20	141	+14	21·27	+1·49	1110	+ 77	34	+ 2
Eastern 2. ENGLAND, N.E. ..	93	18	*	*	*	*	2150	+283	464	- 22	123	+ 8	14·34	- 1·56	1249†	+106	38	+ 3
Eastern 3. ENGLAND, EAST ..	93	23	*	*	*	*	2364	+135	418	-119	105	- 7	13·70	- 1·49	1408	+207	44	+ 6
Eastern 4. MIDLAND COUNTIES	95	18	*	*	*	*	2324	+122	486	- 56	116	+ 1	14·73	- 2·83	1226	+166	38	+ 5
Eastern 5. ENGLAND, SOUTH ..	92	20	*	*	*	*	2398	+ 1	351	- 39	112	0	15·57	- 1·19	1459	+218	45	+ 7
Western 6. SCOTLAND, WEST ..	88	14	*	*	*	*	1899	+ 48	419	- 2	146	+11	31·19	+1·58	1127	+ 57	34	+ 2
Western 7. ENGLAND, N.W. ..	90	16	*	*	*	*	2090	+ 35	379	- 13	136	+13	23·48	+2·61	1175	+110	36	+ 3
Western 8. ENGLAND, S.W. ..	88	19	*	*	*	*	2276	+ 13	327	+ 31	134	+13	25·94	+2·53	1302	+114	40	+ 4
Western 9. IRELAND, NORTH ..	84	20	*	*	*	*	1897	- 82	355	+ 1	172	+21	25·12	+1·94	1027	+ 43	31	+ 1
Western 10. IRELAND, SOUTH ..	81	24	*	*	*	*	2325	+ 56	264	0	158	+23	23·71	- 2·12	1136	+ 7	35	0
11. CHANNEL ISLANDS..	89	27	*	*	*	*	2567	- 14	79	- 35	128	+ 2	16·70	- 2·86	1497	+ 42	47	+ 1

† Corresponding values for some previous weeks have been altered owing to the receipt of further information.

Bright Sunshine.—For certain of the Districts the values of Bright Sunshine in this Table are based on the records from a part only of the Stations included in the Tables under II. and IV. For certain of the Stations Mean Values are not available, and for the Districts containing these Stations the "Difference from Average" is based on the records from a smaller number of Stations than those supplying the values for "Hours Recorded."

5185 370 Wy. & S. Ltd. 9 | 06

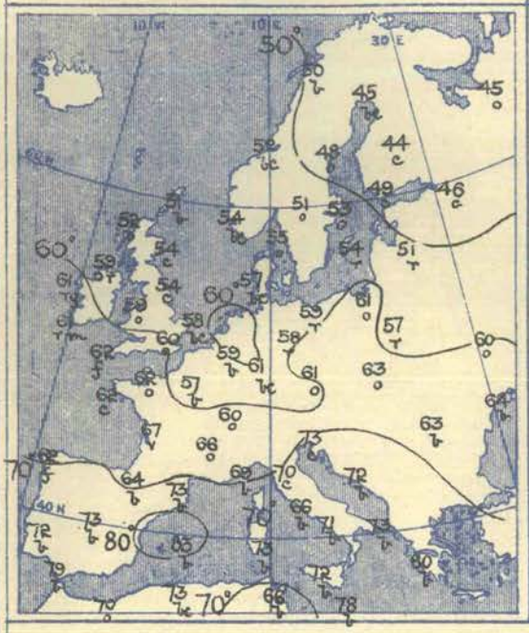
August 26-September 1, 1906. DISTRICTS.		NAMES OF STATIONS.	Temperature. In Degrees Fahrenheit. Highest observed.	Lowest observed.	Averages for the Week. Of Highest each day.	Of Lowest each day.	For whole of each day.	Difference of Daily Average from Mean for the Week.	Accumulated Heat for the Week (in Day-degrees). Above 42°	Below 42°	Rainfall. Number of Rain-Days.	Rainfall in the Week.	Difference from the Mean for the Week.	Bright Sunshine. Number of Hours recorded.	Difference from the Mean for the Week.	Percentage of possible duration.	Difference from the Mean for the Week.
			°	°	°	°	°	°	Day-deg	Day-deg		Inches.	Inches.	Hrs.	Hrs.	%	%
0. SCOTLAND, N.		†Sumburgh Head (Deerness)	67	44	58·1	48·1	52·8	+ 1·1	76	0	2	0·42	− 0·34	23·5	− 2·7	24	− 3
		Wick	75	41	66·4	49·6	57·5	+ 4·1	109	0	3	0·08	− 0·54	*	*	*	*
		†Lairg (Strathpeffer) 𝔖	87	45	73·2	50·3	61·1	+ 8·3	134	0	3	0·18	− 0·49	40·6	+ 13·4	41	+ 14
		Stornoway	77	46	65·4	51·7	58·1	+ 5·1	113	0	2	0·09	− 0·84	23·0	− 5·8	24	− 6
		Glencarron 𝔖	82	45	67·1	51·1	58·6	+ 5·6	116	0	4	0·29	− 1·51	*	*	*	*
		Fort Augustus 𝔖	81	44	69·4	51·9	60·1	+ 5·4	127	0	1	0·01	− 0·84	34·0	+ 13·9	35	+ 14
		Fort William 𝔖	80	45	67·8	51·8	59·3	+ 3·9	121	0	4	0·09	− 1·41	*	*	*	*
1. SCOTLAND, E.		Nairn	84	47	72·0	51·4	61·1	+ 6·5	134	0	1	0·17	− 0·40	39·9	—	41	—
		Aberdeen	82	47	72·1	51·6	61·2	+ 6·6	134	0	1	0·14	− 0·52	49·8	+ 17·8	51	+ 18
		†Balmoral (Crathes) 𝔖	88	41	71·5	48·6	59·4	+ 7·9	122	0	1	0·01	− 0·81	43·7	—	45	—
		†Clathick (Balruddery) 𝔖	85	44	72·7	49·9	60·6	+ 5·4	130	0	1	0·05	− 0·81	46·2	—	47	—
		†Leith (Edinburgh)	85	47	74·9	49·7	61·5	+ 4·9	137	0	2	0·12	− 0·44	44·6	+ 15·4	46	+ 16
		Marchmont 𝔖	87	45	72·4	49·4	60·2	+ 6·0	127	0	1	0·07	− 0·70	50·2	+ 19·2	52	+ 20
2. ENGLAND, N.E.	Northern part.	†Alnwick Castle (Cockle Park)	90	48	76·1	51·9	63·3	+ 8·2	149	0	1	0·05	− 0·61	50·2	—	52	—
		†Shields (Newcastle)	88	47	73·6	51·9	62·1	+ 6·4	141	0	1	0·05	− 0·52	36·4	+ 9·4	38	+ 10
		Durham	86	47	74·8	51·0	62·2	+ 6·2	141	0	1	0·05	− 0·51	55·1	+ 24·1	57	+ 25
		Scarborough 𝔐	90	52	75·6	56·7	65·6	+ 8·8	165	0	0	0·00	− 0·60	56·7	—	59	—
		York	92	50	76·5	51·8	63·4	+ 6·1	150	0	1	0·01	− 0·55	59·2	+ 27·8	62	+ 29
	Southern part.	†Spurn Head (Saltburn)	74	54	68·4	57·1	62·4	+ 4·1	143	0	0	0·00	− 0·44	63·1	—	65	—
		†Lincoln (Skegness)	92	47	80·0	52·0	65·2	+ 6·9	162	0	1	0·01	− 0·53	67·3	—	70	—
		†Fulbeck (Rauceby)	93	46	80·4	53·4	66·1	+ 7·7	169	0	0	0·00	− 0·55	70·8	—	74	—
		(Cromer)												72·3	—	75	—
3. ENGLAND, E.	Northern part.	Hillington 𝔐	92	41	78·4	49·3	63·0	+ 4·8	147	0	2	0·02	− 0·61	70·4	+ 33·4	73	+ 35
		†Yarmouth (Lowestoft)	73	52	68·3	56·9	62·3	+ 3·6	142	0	0	0·00	− 0·54	69·3	—	73	—
		Geldeston	91	41	76·9	49·3	62·3	+ 3·9	142	0	0	0·00	− 0·51	67·3	+ 27·3	71	+ 29
		(Dunmow)												72·1	—	76	—
	Southern part.	Cambridge	93	43	80·1	49·2	63·7	+ 4·7	152	0	0	0·00	− 0·52	69·3	+ 30·1	73	+ 32
		Felixstowe	78	46	72·2	54·2	62·7	+ 3·0	145	0	0	0·00	—	72·3	—	76	—
		Clacton-on-Sea	76	51	70·9	57·7	63·9	+ 3·5	153	0	0	0·00	—	74·4	—	78	—
		Rothamsted	91	41	78·4	48·9	62·8	+ 5·1	146	0	1	0·01	− 0·56	70·6	+ 31·4	74	+ 33
		†Shoeburyness (Southend)	84	48	73·0	53·6	62·7	+ 2·0	145	0	0	0·00	− 0·40	69·5	—	73	—
		London, Westminster	91	51	79·7	56·4	67·4	+ 7·0	178	0	0	0·00	− 0·52	64·9	+ 31·4	68	+ 33
4. MIDLAND COUNTIES.	Eastern part.	Harrogate	88	48	75·2	53·1	63·5	+ 7·8	151	0	1	0·02	− 0·61	63·3	—	66	—
		†Bawtry (Worksop)	94	44	81·1	49·9	64·6	+ 7·3	158	0	1	0·02	− 0·51	66·7	+ 35·8	70	+ 37
		Nottingham	93	44	81·1	50·4	64·8	+ 7·1	160	0	0	0·00	− 0·56	65·5	—	68	—
		†Colly Weston (Oundle)	95	45	81·6	51·9	65·9	+ 7·4	167	0	0	0·00	− 0·55		—		—
		Birmingham, Edgbaston	91	50	79·5	55·3	66·7	+ 9·3	173	0	0	0·00	− 0·62	67·9	—	71	—
		Oxford	92	45	80·6	51·7	65·3	+ 6·7	163	0	0	0·00	− 0·52	70·0	+ 31·9	74	+ 34
	Western part.	†Cheadle (Sheffield) 𝔐	90	49	77·2	55·0	65·4	+ 9·6	164	0	0	0·00	− 0·76	69·8	—	73	—
		Shrewsbury	89	40	79·8	48·5	63·2	+ 4·8	148	0	0	0·00	—	*	*	*	*
		Hereford 𝔐	89	40	79·9	50·0	64·1	+ 6·4	155	0	0	0·00	− 0·57	*	*	*	*
		Cirencester	90	45	79·6	50·6	64·2	+ 7·4	155	0	0	0·00	− 0·67	72·3	+ 34·7	76	+ 37
		Bath	88	46	79·1	51·6	64·5	+ 5·8	158	0	0	0·00	− 0·66	67·1	—	71	—
		(Margate)												73·8	+ 34·3	78	+ 36
5. ENGLAND, S.		Kew	92	45	79·8	53·5	65·9	+ 6·9	167	0	0	0·00	− 0·51	66·1	+ 27·9	70	+ 29
		Wisley, Surrey	92	41	80·6	50·9	64·9	+ 4·2	160	0	0	0·00	—	66·2	—	70	—
		†Swarraton (Ventnor) 𝔐	90	42	78·7	51·1	64·1	+ 6·9	155	0	0	0·00	− 0·65	65·3	+ 21·6	69	+ 23
		Tunbridge Wells 𝔐	91	46	78·9	52·9	65·1	+ 6·7	162	0	0	0·00	− 0·55	70·7	+ 29·7	74	+ 31
		†Dungeness (Littlestone)	78	50	72·3	58·6	65·0	+ 4·9	161	0	0	0·00	− 0·48	72·0	—	76	—
		Hastings	83	52	73·7	57·1	64·9	+ 4·9	160	0	0	0·00	− 0·58	69·6	+ 25·4	73	+ 27
		Southampton	84	48	77·8	55·1	65·8	+ 5·7	167	0	0	0·00	− 0·63	67·0	+ 24·1	71	+ 25
		†Portland Bill (Worthing)	70	56	66·6	59·0	62·6	+ 2·4	144	0	0	0·00	—	70·0	—	74	—
		(Eastbourne)												65·2	+ 21·8	69	+ 23
6. SCOTLAND, W.		†Laudale, (Oban)	82	49	70·6	54·6	62·1	+ 6·8	141	0	1	0·12	− 1·38	40·3	—	41	—
		Glasgow	84	49	70·5	53·0	61·2	+ 6·3	134	0	1	0·03	− 0·89	38·3	+ 11·1	40	+ 12
		Dumfries 𝔖	88	45	76·4	49·9	62·4	+ 6·2	143	0	1	0·10	− 0·75	*	*	*	*
		Cally 𝔖	83	49	74·1	51·8	62·3	+ 7·4	142	0	1	0·17	− 0·86	*	*	*	*
		Douglas, Isle of Man	77	45	70·0	50·3	59·6	+ 3·6	123	0	0	0·00	− 0·92	58·7	+ 21·7	61	+ 23
7. ENGLAND, N.W.		Aspatria	87	48	73·5	51·6	61·9	+ 6·3	139	0	1	0·07	− 0·91	61·9	—	64	—
		Newton Rigg	85	46	74·6	50·3	61·7	+ 7·2	138	0	1	0·02	− 0·77	69·8	+ 37·8	72	+ 39
		Stonyhurst	83	50	72·8	53·4	62·5	+ 6·4	144	0	1	0·13	− 1·02	67·3	+ 35·2	70	+ 37
		Blackpool 𝔐	86	48	73·3	52·7	62·4	+ 4·9	143	0	0	0·00	− 0·82	68·2	+ 34·3	71	+ 36
		Manchester, Prestwich	89	50	78·5	53·5	65·3	+ 8·5	163	0	1	0·03	− 0·84	65·0	+ 36·3	68	+ 38
		†Liverpool Obs. (Hoylake)	87	52	75·1	56·3	65·1	+ 7·2	162	0	0	0·00	− 0·69	72·3	—	75	—
		†Hawarden Bridge (Southport)	90	50	77·6	55·1	65·7	+ 7·2	166	0	0	0·00	− 0·62	68·0	—	71	—
7. NORTH WALES		Llandudno 𝔐	87	53	74·3	56·9	65·1	+ 6·5	162	0	1	0·02	− 0·66	71·3	+ 36·8	74	+ 38
		†Holyhead (Aberdovey)	74	53	69·0	55·0	61·6	+ 3·8	137	0	0	0·00	− 0·72	61·9	—	65	—
		Bettws-y-Coed	87	46	78·7	51·4	64·2	+ 6·2	155	0	1	0·01	—	67·3	—	70	—
8. SOUTH WALES		Llangammarch Wells	85	38	75·8	48·3	61·2	+ 5·0	134	0	1	0·05	—	55·9	—	59	—
		Pembroke	73	54	67·9	56·9	62·1	+ 4·1	141	0	0	0·00	− 0·70	69·2	+ 29·2	73	+ 31
		†Cardiff (Aberystwyth)	84	46	76·0	51·4	63·0	+ 4·1	147	0	0	0·00	− 0·98	64·5	—	68	—
8. ENGLAND, S.W.		†Clifton (Torquay)	87	50	78·6	55·9	66·6	+ 7·3	172	0	0	0·00	− 0·76	71·9	+ 28·7	76	+ 30
		†Shaftesbury (Marlborough) 𝔐	85	51	76·5	56·4	65·9	+ 8·5	167	0	0	0·00	− 0·66	58·1	+ 21·9	61	+ 23
		†Arlington (Newquay)	86	52	74·7	54·6	64·1	+ 7·3	155	0	1	0·02	− 1·09	63·8	+ 21·4	67	+ 23
		Cullompton 𝔐	88	44	77·8	51·1	63·7	+ 5·1	152	0	0	0·00	− 0·67	65·0	+ 27·0	68	+ 28
		Plymouth	82	54	73·0	56·9	64·5	+ 5·1	158	0	0	0·00	− 0·70	71·4	+ 30·3	75	+ 32
		Falmouth	71	56	67·7	58·0	62·6	+ 3·7	144	0	0	0·00	− 0·82	63·7	+ 19·7	67	+ 21
9. IRELAND, N.	Western part.	Malin Head	84	52	70·9	56·3	63·2	+ 7·0	148	0	1	0·04	− 0·71	*	*	*	*
		Edenfel	82	47	73·0	54·0	62·9	+ 8·2	146	0	1	0·02	− 0·87	*	*	*	*
		Blacksod Point	77	54	68·3	57·6	62·6	+ 5·8	144	0	3	0·03	− 1·02	*	*	*	*
		Markree Castle	80	47	73·0	54·1	63·0	+ 7·8	147	0	0	0·00	− 0·93	51·5	+ 24·0	54	+ 25
	Eastern part.	Armagh	82	48	73·9	55·6	64·2	+ 8·6	155	0	0	0·00	− 0·76	58·2	+ 29·9	61	+ 31
		Donaghadee	75	49	69·1	53·0	60·6	+ 4·6	130	0	0	0·00	− 0·73	*	*	*	*
10. IRELAND, S.	Eastern part.	†Dublin, City (Phœnix Park)	77	49	73·7	56·3	64·5	+ 6·8	158	0	0	0·00	− 0·65	61·5	+ 26·2	64	+ 27
		Kilkenny	77	43	72·4	53·1	62·2	+ 5·1	141	0	0	0·00	− 0·74	*	*	*	*
		Waterford	77	45	72·6	52·7	62·1	+ 4·7	141	0	0	0·00	− 0·83	*	*	*	*
	Western part.	Birr Castle	81	47	74·6	54·6	64·0	+ 7·6	154	0	1	0·01	− 0·79	57·8	+ 26·7	60	+ 28
		Foynes	68	48	65·2	55·4	60·0	+ 3·0	126	0	0	0·00	− 0·83	*	*	*	*
		Killarney	81	54	75·6	58·1	66·3	+ 8·6	170	0	0	0·00	− 1·01	*	*	*	*
		Valencia	79	51	70·7	57·0	63·4	+ 5·4	150	0	2	0·05	− 1·06	54·0	+ 21·3	57	+ 22
		†Roches Point (Ballinacurra)	69	49	65·4	55·3	60·1	+ 2·1	127	0	4	0·05	− 0·84	45·0	—	47	—
11. ENGLISH CHANNEL		Scilly, St. Mary's	69	58	66·7	59·4	62·8	+ 3·0	146	0	0	0·00	− 0·64	63·1	+ 16·1	67	+ 27
		†Jersey, St. Aubins (St. Heliers)	89	57	76·0	59·3	67·2	+ 5·5	176	0	0	0·00	− 0·62	66·9	+ 17·3	71	+ 18
		Guernsey	86	57	74·7	58·5	66·1	+ 5·5	169	0	0	0·00	− 0·66	66·8	+ 16·9	71	+ 18

Information for Stations marked 𝔐 is supplied by the Royal Meteorological Society, and that for Stations marked 𝔖 is supplied by the Scottish Meteorological Society.
* An Asterisk is inserted in all places for which the information is not usually given.
† There is no Sunshine Recorder in use at this Station. The figures entered for Sunshine are those recorded at a Station in the same district of which the name is given in brackets.

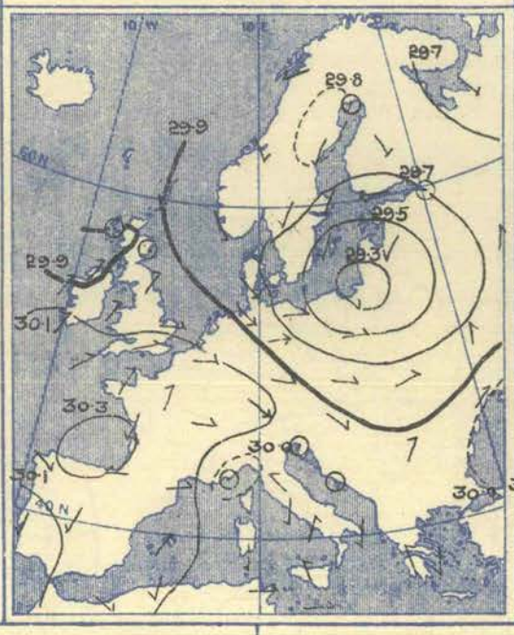
Additional Sunshine Totals for the week: Ramsgate, 75·9 hrs., 80 %; Brighton, 64·3 hrs. (+ 19·6), 68 % (+ 21 %); Bournemouth, 72·0 hrs., 76 %; Bognor, 71·2 hrs., 75 %; Rhyl, 72·0 hrs., 75 %; Tenby, 69·2 hrs., (+ 28·6), 73 % (+ 30 %).

Sunday, 26th August, 1906.

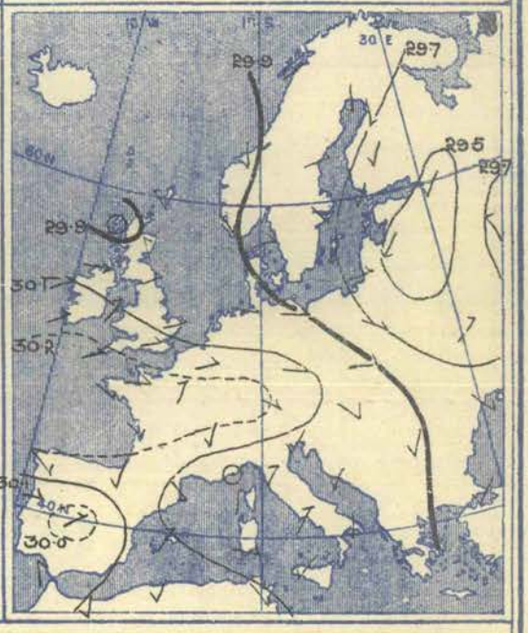
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. very unsettled, with much cloud and rain in places, over the northern half of the Continent and also over the north-west and west of this country. Fine and bright in the west of Norway and over the larger portion of southern Europe, but rain falling at Rochefort and fog prevailing at Corunna and Cape Sicié. Fog also prevalent on the south-west coast of England. Rain experienced later in Russia, North Germany, and Scotland, as well as at some Scandinavian stations.

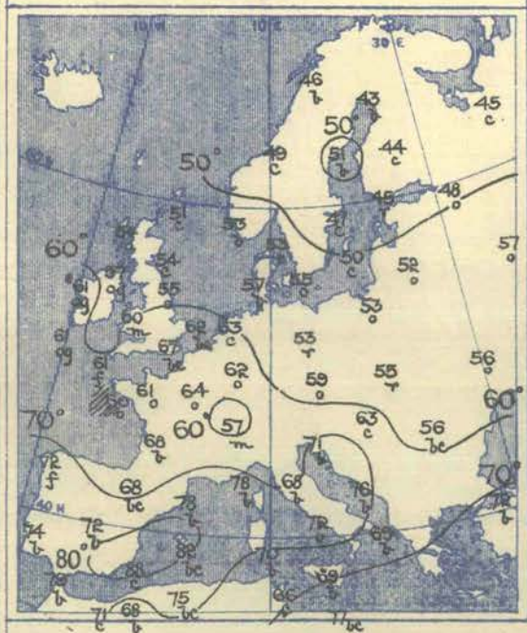
TEMPERATURE changed irregularly. Readings in morning ranging from 83° at Palma and 80° at Oporto and Patras to below 60° over Europe as a whole and to below 50° in the far north. Lowest value 43° at Ulcaborg. Rising during the day to about 70° at some of our southern stations and to 77° at Bournemouth. Maxima very high in the far south, thermometer touching 100° at Madrid, 95° at Turin, 94° San Fernando, 91° at Marseilles and Perpignan, and nearly 90° at several other stations.

WIND at 8 a.m. showing an anticyclonic movement over the south-west of our area and a very extensive cyclonic circulation of considerable force over the central countries. Light or moderate Westerly and South-Westerly winds prevailing over the United Kingdom. No important change occurring during the ensuing twenty-four hours.

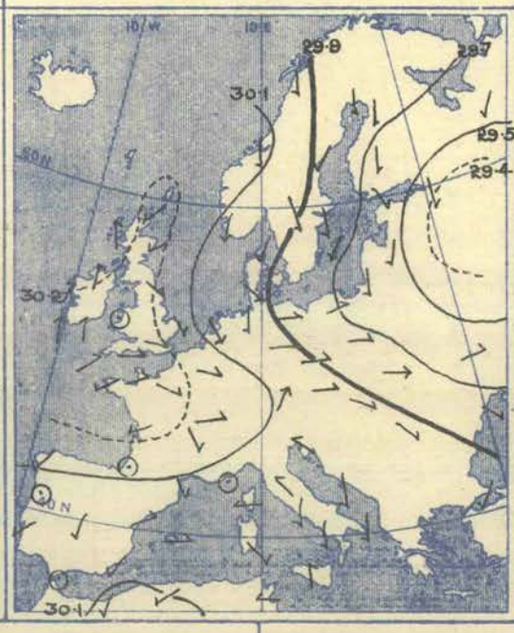
BAROMETER in morning above 30·3 ins. in an anticyclone centred over the Bay of Biscay and below 29·3 ins. in a large and deep depression having its minimum over East Prussia. Relatively low in other systems over the Gulf of Genoa and in the extreme north-west of these Islands. Main disturbance travelling eastwards to Russia during the day and barometer rising decidedly in its rear. Gradients growing very steep by evening over Poland. A small secondary depression moving eastwards across England.

Monday, 27th August, 1906.

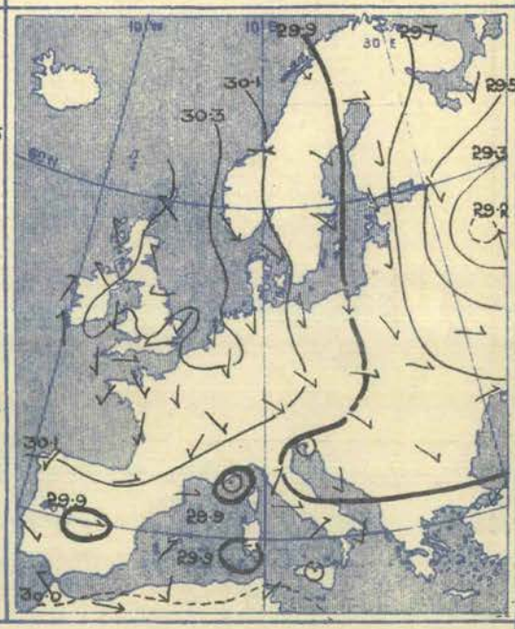
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine and bright in most parts of southern Europe, as well as in the north of Scandinavia, and various English localities; cloudy or overcast elsewhere, with rain at Karlstad and in many parts of central Europe, and fog on our south-west coasts and at Corunna. Rain continuing during day in certain regions of central and eastern Europe, largest measurement 0·8 in. at Kieff.

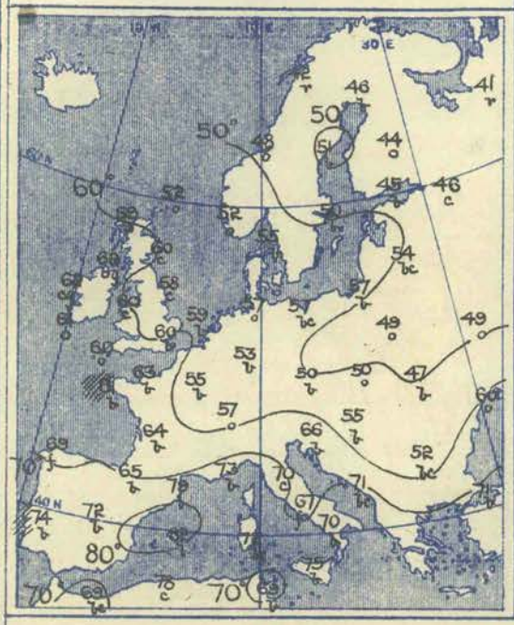
TEMPERATURE risen in the United Kingdom and in some other western countries, fallen generally elsewhere. Readings in morning as high as 82° at Barcelona and Palma, 79° at San Fernando, and above 70° at almost all the southern stations. As low as 43° in the extreme north of Sweden, below 50° in many other districts and no higher than 53° at Berlin. Maxima during day above 70° at several of our own stations, and as high as 76° at Bournemouth and 77° in London. Thermometer rising to 104° at Madrid, 96° at Perpignan, to about 90° at various other stations in the south and to above 80° in many localities.

WIND in morning between North and North-West over the major portion of the Continent and also over England, light and variable over the Mediterranean region, and light from the Southward in Ireland. North-Westerly current blowing strongly or freshly over Scandinavia. No general change later, but wind becoming Easterly or North-Easterly in England.

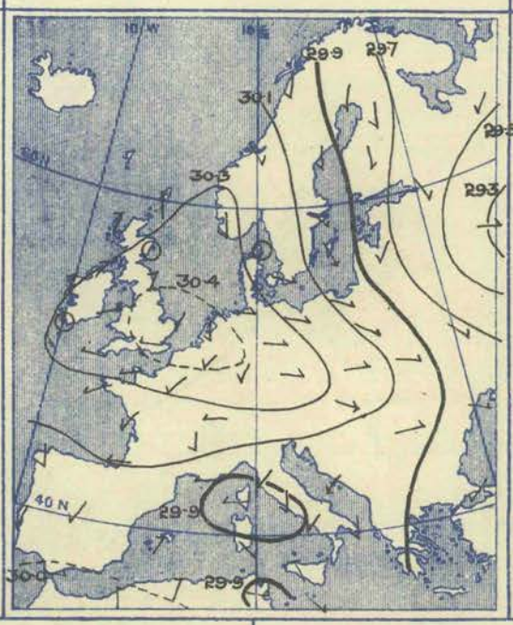
BAROMETER at 8 a.m. above 30·2 ins. in an anticyclone extending from France and the Bay of Biscay across the United Kingdom to beyond the Shetlands. Below 29·4 ins. in a large depression over Russia. Pressure increasing during day over England, the Low Countries, Germany, and Denmark, and decreasing somewhat over the west of France and the Bay of Biscay. Anticyclone consequently becoming greatly modified in form. Russian depression apparently travelling slowly south-eastwards.

Tuesday, 28th August, 1906.

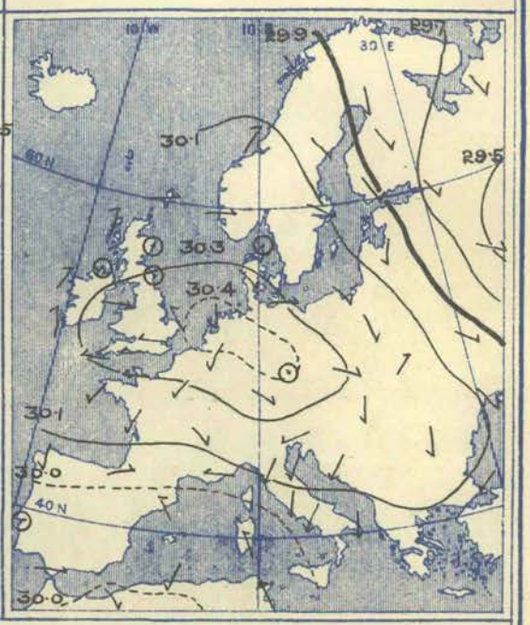
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine and bright very generally. Dull at some Irish and Scotch stations as well as in some places over the extreme north of the Continent, with rain at Bodö and Archangel. More than an inch of rain falling at the latter station during the ensuing twenty-four hours and about an inch at Rome. Weather very fine and dry elsewhere.

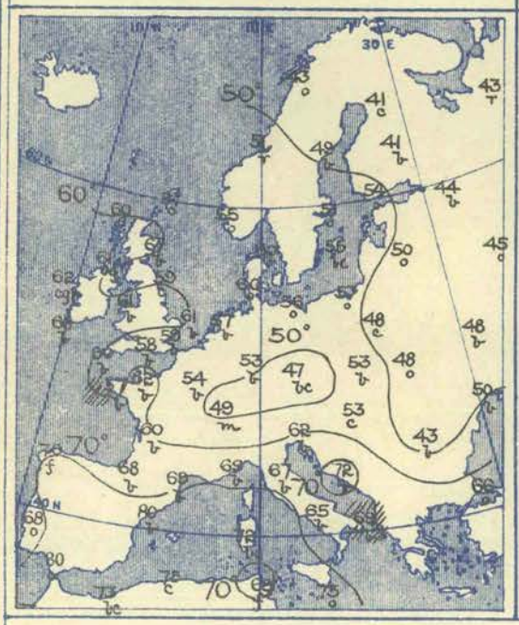
TEMPERATURE fallen except in the west and north of our Islands. Readings in morning ranging from a little above 40° in the extreme north and about 50° at several stations in the centre of Europe to above 70° in the south and to above 80° in places. Rising to above 70° at many of our own stations later, but remaining relatively low over the central countries. Maxima about 90° at a few of the most southern stations.

WIND in morning showing a very extensive anticyclonic circulation of very little force over the western countries. Cyclonic movements prevailing over the Mediterranean and Russia. No change of importance taking place later.

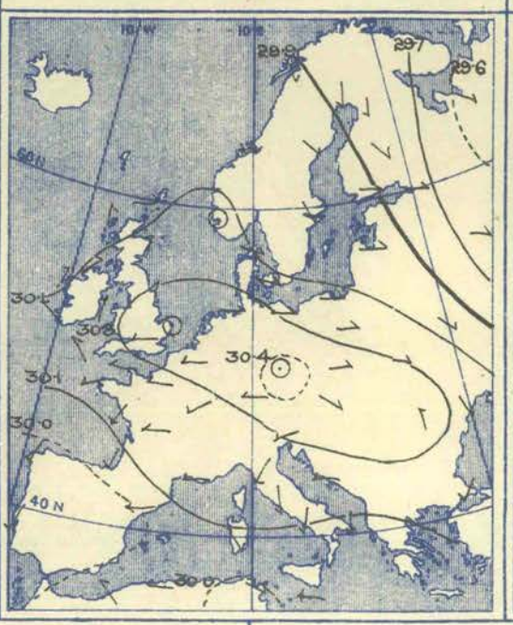
BAROMETER in morning ranging from above 30·4 ins. in an anticyclonic system having its central space over the east and south-east of England and the nearer regions of the Continent to less than 29·9 ins. in a shallow depression over the Mediterranean and to below 29·3 ins. in a large disturbance over Russia. Scarcely any change in the general distribution of pressure later, but anticyclone decreasing slightly in intensity.

Wednesday, 29th August, 1906.

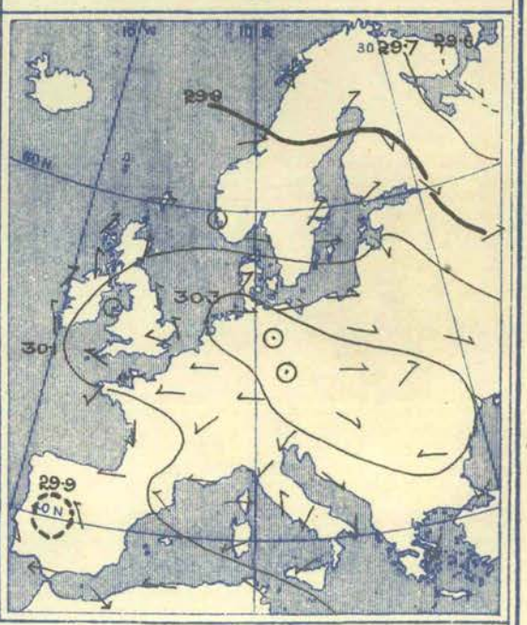
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. very fine and bright in most regions, but dull in some far northern and north-western localities, with rain at Christiansund and Archangel and passing showers at Blacksod Point. More than an inch of rain later at Christiansund and Malta, accompanied by thunder and lightning at the latter station, and a few slight falls in Russia. Weather continuing very fine generally.

TEMPERATURE changed rather irregularly. Readings at 8 a.m. as high as 67° at Aberdeen, above 70° at many southern stations, and 80° at Barcelona. Scarcely higher than 40° in the extreme north of our area and below 50° over a considerable portion of central Europe. Thermometer rising to 99° during day at Biarritz, to 95° at Madrid, and to above 90° at several other stations in the south. Maxima above 70° in nearly all parts of our Islands, and as high as 77° at Oxford and Leith, 78° at Manchester and Bettws-y-Coed, and 79° at Nottingham.

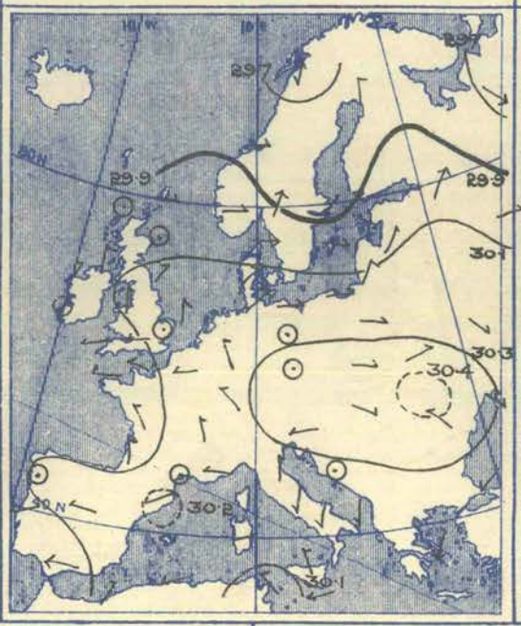
WIND at 8 a.m. showing a vast anticyclonic circulation of light breezes, but a fresh Westerly gale reported to be blowing at Christiansund. Latter subsiding by evening, but scarcely any other change taking place.

BAROMETER in morning above 30·3 ins. in a very large area extending from England to the south-east of Europe. Below 30·0 ins. over the Spanish Peninsula and below 29·6 ins. over the northern half of Russia. Relatively low off our north-west coasts. Pressure decreasing slowly over the United Kingdom and the western countries generally during day, but no change of importance occurring in the general distribution. Depression over northern Russia travelling northwards.

Thursday, 30th August, 1906.

Temperature and Weather. 8 a.m.

Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.

WEATHER at 8 a.m. dull, with some rain, in the west of Norway and the south of Finland; very fine and bright in almost all other regions, heavy rain falling later in Finland and part of Russia, but weather continuing very fine generally.

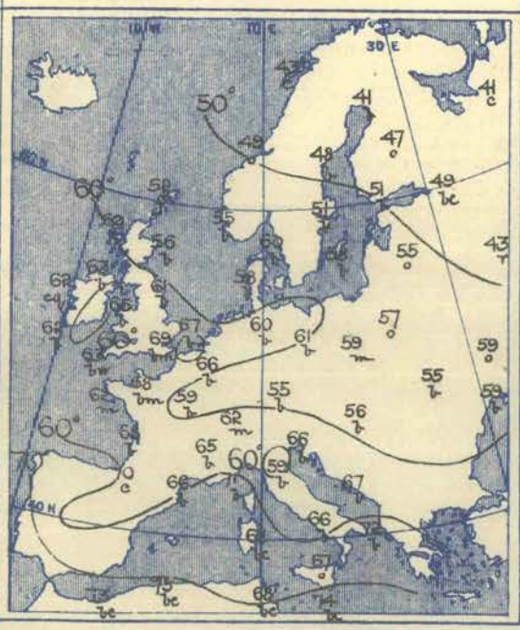
TEMPERATURE risen in France and the Low Countries, changed little and irregularly as a whole. Readings in morning as low as 39° at Uleaborg and 41° at Moscow; below 50° over a large portion of northern Europe and also at Vienna and Hermanstadt. Above 60° in most parts of the United Kingdom and above 70° at most stations within the Mediterranean region. Rising later to 80° or above in many parts of England and Italy and to a higher figure in France and the Spanish Peninsula. Highest readings 99° at Biarritz and 100° at Bilbao.

WIND in morning showing partial cyclonic circulations of little strength over the Bay of Biscay and also over Scandinavia. A large anticyclonic movement prevailing over Europe generally. No change of importance occurring during day.

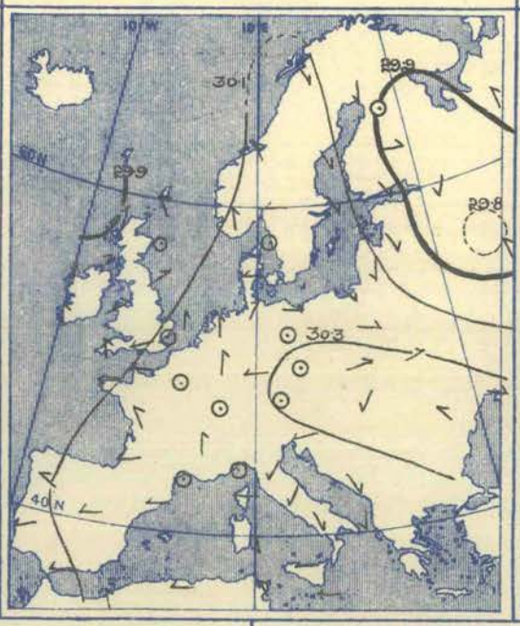
BAROMETER in morning ranging from above 30·3 ins. in a vast anticyclone having its central space over the south-eastern and central countries of the Continent to below 30·0 ins. over the Bay of Biscay, and to below 29·7 ins. in the far north and north-east of our area. Very little modification in the general distribution of pressure taking place during the ensuing twenty-four hours; main depressions in far north of Europe travelling eastwards, and a small disturbance over the south of Norway moving eastwards and becoming much deeper.

Friday, 31st August, 1906.

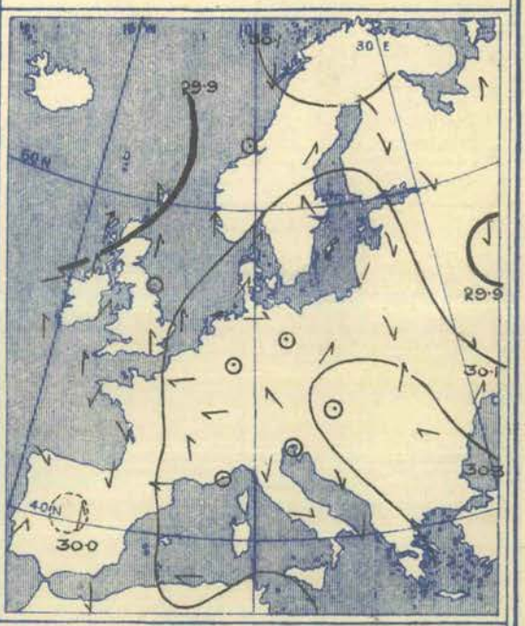
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. extremely fine and bright over the United Kingdom and most other parts of Europe, but foggy at Roche's Point, Sumburgh Head, and Nairn. Cloudy or dull in many parts of Russia, with rain at Moscow. Nearly half an inch of rain falling at Christiansund and 0·3 in. at Hernösand. Conditions continuing cloudless over our Islands.

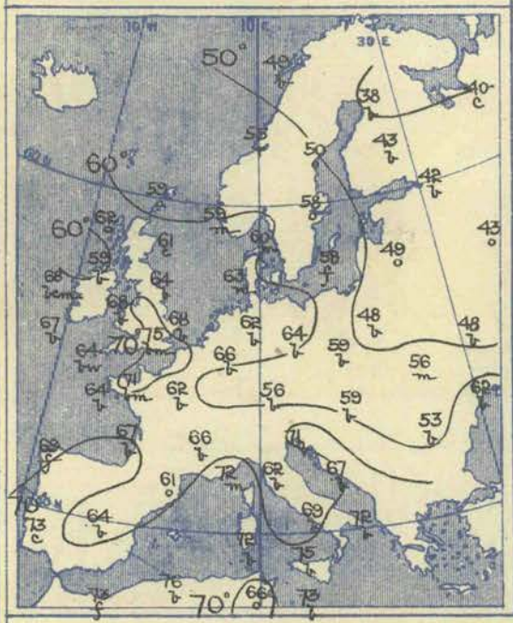
TEMPERATURE in morning showing a rise of several degrees over England and a similar fall in Scotland. Readings about 69° or 70° in the south-east of England and above 70° at some of the Mediterranean stations. Below 50° in the far north of Europe, and as low as 40° at Uleaborg. Rising during day to 90° at Oxford, 91° in London and at Margate, 91·5° at Ross, Hereford, 92° at Hillington and Canterbury, and 93° at Nottingham. Maxima above 80° in most English localities as well as in the south and east of Scotland. Thermometer rising to 80° or above over the southern countries of the Continent and to 95° at Bordeaux and Biarritz.

WIND in morning very light and rather variable over our Islands, but mainly between South and East. A light cyclonic circulation prevailing over Russia, and light anticyclonic winds over central and southern Europe. Some increase in force taking place from the Southward in the Hebrides and also on the south-west coast of Norway. Southerly and South-Westerly airs becoming rather more general over our Islands.

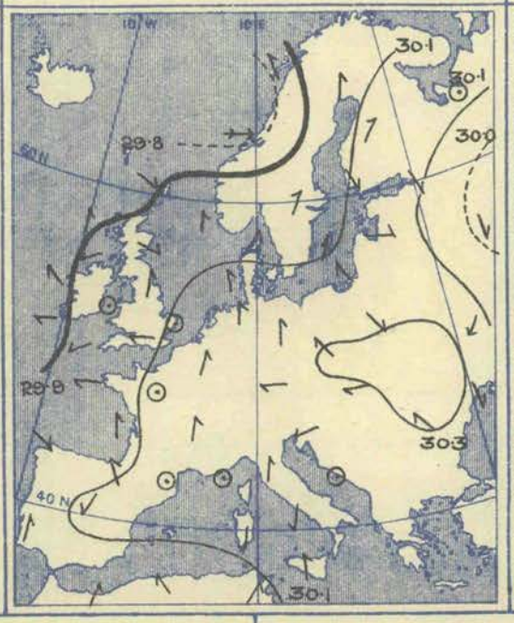
BAROMETER at 8 a.m. above 30·3 ins. in an elongated area of high pressure extending from the Black Sea to central Europe. Below 29·9 ins. off our extreme north-west coast, and below 29·8 ins. in a depression over Russia. Pressure decreasing slowly in most regions during day, but no important modification in the general distribution occurring.

Saturday, 1st September, 1906.

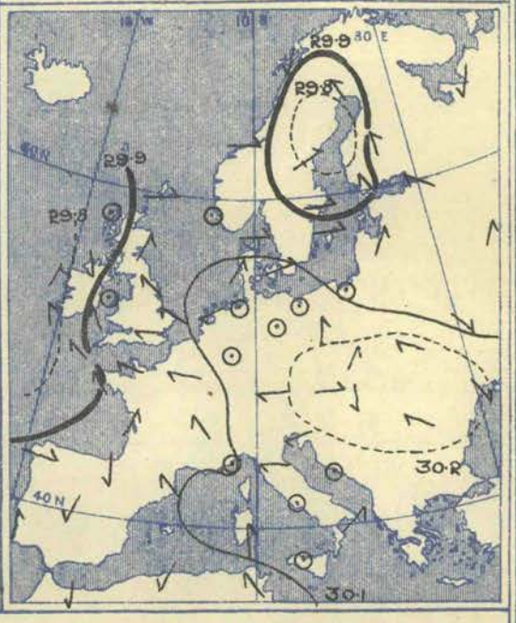
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. very fine and bright at nearly all our own stations and over the major portion of the Continent; cloudy or dull over Scandinavia, with rain at Christiansund. Very heavy rain later in the north-west of Norway and considerable amounts in Finland. Conditions continuing extremely fine and bright over these Islands and western Europe generally.

TEMPERATURE risen in most places, fallen over Finland and the Baltic. Readings in morning as high as 75° in London and above 70° in some other parts of England. Above 70° over a considerable portion of the Mediterranean region, below 60° over the central countries, and below 50° in the north. Lowest values, 40° at Archangel and 38° at Uleaborg. Maxima unusually high over our Islands. Thermometer rising to 90° or above in many midland and south-eastern regions; highest reported, 95° at Colly Weston, 93°·5 at Slough, 93° at Nottingham, and 92° at Oxford, 91° in London and at Manchester, 90° at Barnetby, 89° at Seaham, 88° at Hillington, Bath, and North Shields, and 87° at Liverpool. Readings above 90° also recorded in several parts of France.

WIND in morning light and rather variable generally, but blowing a Westerly gale at Christiansund. Light Easterly to Southerly airs prevailing over the United Kingdom and an irregular anticyclonic movement over the central countries. Not much change as a whole later, but a complete cyclonic circulation setting in over Scandinavia. Gale at Christiansund subsiding.

BAROMETER at 8 a.m. ranging from above 30·3 ins. in the central space of an anticyclone lying over the eastern portion of central Europe to below 29·9 ins. off our west and north-west coasts, and to below 29·8 ins. over the north-west of Norway and the adjacent part of the ocean. Little change in the distribution over Europe as a whole during day, but a depression arriving over Scandinavia from the westward, and barometer rising rather decidedly in its rear along the north-west coast of Norway.

IV.—TEMPERATURE on the Grass, and in the Ground.

	STATION.	Grass Min. No. of Obs. of 30° or less.	Grass Min. Lowest reading.	Mean Earth Temp. At 1 foot.	Mean Earth Temp. At 4 feet.
			°	°	°
2.	York	—	—	60·3	58·0
	Hull	0	40	59·4	58·9
3.	Cambridge	0	35	—	—
	Dunmow	0	36	—	—
4.	Harrogate	0	43	57·6	56·0
	Sheffield	0	43	61·2	56·7
	Birmingham	0	?	59·2	55·0
	Nottingham	0	35	63·4	60·1
5.	Kew	0	35	62·9	59·9
	Canterbury	0	38	65·4	62·0
	Portsmouth	0	47	65·5	62·9
6.	Glasgow	0	41	—	—
7.	Newton Rigg	0	39	60·3	56·6
	Bettws-y-Coed	0	45	59·0	56·0
	Manchester (Oldham Road)	0	45	62·3	59·9
8.	Llangammarch Wells	—	—	61·3	56·5
	Bath	—	—		
	Plymouth	0	48	65·0	—
9.	Armagh	0	40	62·1	58·5
	Markree	0	39	—	—
10.	Dublin, Trin. Coll.	0	39	62·5	59·0
11.	Guernsey, Brooklyn	0	50	64·9	62·1

V.—OBSERVATIONS IN THE UPPER AIR.—Temperature, Humidity and Wind Velocity.

Date of Observation.	Station and its Height above M.S.L.		Heights in feet above Mean Sea Level. Ground Level.	1,000.	3,320	5,000.	6,000.	8,320.	10,000.	Remarks.
1906. August 26th, 3.27 p.m. to 4.30 p.m.	Brighton, 380 ft.	Temperature F.	63°	65°						One 8 ft. kite. Wire 4,000 ft. Max. height 2,530 ft. Temp. 68° F. Fog; kite out of sight as soon as started.
		Humidity	98	86						
		Wind Velocity, m. per hr.	W by N, 15	W by N, 15						
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								
August 31st, 4.55 p.m. to 6.40 p.m. Unmanned Balloon Ascent.	Manchester.	Temperature F.								Balloon liberated at Manchester, recovered near Huddersfield, average speed 11 miles per hour, direction ENE. Max. height 13,000 ft. Temp.?
		Humidity								
		Wind Velocity, m. per hr.								
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								

63, Victoria Street, London, S.W. *September 5th, 1906.*

W. N. SHAW, *Director.*

WEEKLY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE,

AND PUBLISHED FOR H.M. STATIONERY OFFICE BY WYMAN AND SONS, LTD., FETTER LANE, E.C., AND 32, ABINGDON STREET, WESTMINSTER, S.W.; OR OLIVER AND BOYD, EDINBURGH; OR E. PONSONBY, 116, GRAFTON STREET, DUBLIN.

TWENTY-NINTH YEAR. Vol. XXIII. (New Series.) } No. 36. THIRTY-SIXTH WEEK, ENDING SATURDAY, SEPTEMBER 8TH, 1906. [Price 6d. Annual Subscription post paid £1 10s. 0d.

SUPPLIED FOR THE PUBLIC SERVICE

I.—GENERAL REMARKS.

Weather.—The fine, bright weather was temporarily interrupted in many places towards the middle of the week, when rain was experienced in most districts. As a rule the quantity was small, but during the night of Tuesday an inch was experienced in some parts of London, and 1·68 ins. at Ventnor. At the same time lightning was seen at Bognor and thunder heard at Guernsey. In the north and north-west of Scotland and in the north of Ireland rain was frequent, at Glencarron the fall on Wednesday amounted to as much as 1·98 ins., and at Fort William to 1·87 ins.

Temperature was again much above the average, the excess being only a trifle less than 8° in England N.E., and as much as 8·6° in England E. and the Midland Counties. The highest of the maxima were registered either on Sunday or Monday. In the Midland Counties (at Bawtry on Sunday) the thermometer rose to 96°, in England N.E. (at Fulbeck) to 94°, in England E. to 93°, in England S. to 92°, and in England N.W. to 90°. In Scotland the highest readings were between 87° and 89°, and in Ireland 78° or 79°. The lowest of the minima, which were recorded on the 5th at most stations, ranged from 37° in England S.W. (at Llangammarch Wells) to 50° in England S., 51° in England E., and to 54° in the Channel Islands. The range of temperature during the week was again very large; in the Midland Counties it amounted to 53°.

Rainfall was less than the average in all districts except Scotland N.; in England N.E. the week was rainless.

Bright Sunshine exceeded the normal over Great Britain and scarcely diverged from it in Ireland and the Channel Islands. The percentage of the possible duration ranged from 60 in England E., 54 in England N.E. and S. and 52 in the Midland Counties to 35 in Scotland N. and to 28 in Ireland N.

Barometer and Wind.—During the earlier days of the week a shallow elongated band of low pressure passed eastwards across the Kingdom accompanied by light and rather variable winds. This system was followed by an anticyclone which spread over all our southern districts from the Bay of Biscay, while the most north-western and northern regions were influenced by depressions passing eastwards over the northern portion of the Atlantic. The wind was consequently mainly Westerly in direction; it had little force generally, but blew a strong gale for a time on Wednesday on the north coast of Ireland and with considerable force in the north of Scotland. The heavy local rains in the south and south-east of England on Tuesday night were apparently caused by a very shallow depression over the north-east of France.

SUMMARY OF TEMPERATURE, RAINFALL, AND DURATION OF BRIGHT SUNSHINE IN THE UNITED KINGDOM, FOR AGRICULTURAL AND SANITARY PURPOSES.

THE WEEK (36th)—September 2nd to September 8th, 1906.

DISTRICTS. (See p. 212.)	Temperature. Highest.	Lowest.	Means of Daily Max.	Daily Min.	Daily Mean.	Difference from Av. (35 Yrs.)	Accumulated. Number of Day-Degrees. Above 42°	Difference from Av. (25 Yrs.)	Below 42°	Difference from Av. (25 Yrs.)	Rainfall. Number of Rain-Days.	Diff. from Av. (35 Yrs.)	Total Fall.	Difference from Average (35 Yrs.)	Sunshine. Hours recorded.	Diff. from Av. (25 Yrs.)	Percentage of Possible Duration	Diff. from Av. (25 Yrs.)
	°	°	°	°	°	°	Day-deg.	Day-deg.	Day-deg	Day-deg.			Inches.	Inches.			%	%
0. SCOTLAND, NORTH ..	87	45	63·0	50·7	56·6	+ 3·7	102	+ 24	0	0	6	+ 1	1·57	+0·54	32	+ 7	35	+ 8
Eastern 1. SCOTLAND, EAST ..	87	42	68·1	51·1	59·2	+ 5·6	120	+ 36	0	0	4	0	0·45	−0·23	43	+ 16	46	+17
Eastern 2. ENGLAND, N.E. ..	94	45	72·7	55·8	63·8	+ 7·9	153	+ 57	0	0	0	− 3	0·00	−0·54	50	+ 15	54	+16
Eastern 3. ENGLAND, EAST ..	93	51	77·0	57·8	66·9	+ 8·6	174	+ 66	0	0	1	− 2	0·20	−0·32	55	+ 17	60	+18
Eastern 4. MIDLAND COUNTIES	96	43	75·6	55·6	65·1	+ 8·6	162	+ 62	0	0	1	− 2	0·04	−0·55	48	+ 17	52	+19
Eastern 5. ENGLAND, SOUTH ..	92	50	74·2	57·4	65·4	+ 6·8	164	+ 48	0	0	1	− 2	0·46	−0·11	50	+ 12	54	+13
Western 6. SCOTLAND, WEST ..	89	41	67·4	51·5	59·1	+ 4·5	120	+ 30	0	0	3	− 1	0·75	−0·28	40	+ 9	43	+10
Western 7. ENGLAND, N.W. ..	90	43	68·1	55·3	61·4	+ 5·1	136	+ 35	0	0	3	− 1	0·30	−0·49	40	+ 9	43	+10
Western 8. ENGLAND, S.W. ..	88	37	71·0	55·9	63·1	+ 5·7	148	+ 40	0	0	1	− 3	0·07	−0·73	41	+ 3	45	+ 3
Western 9. IRELAND, NORTH ..	78	44	64·8	52·8	58·5	+ 3·5	116	+ 23	0	0	5	0	0·35	−0·47	26	− 1	28	− 2
Western 10. IRELAND, SOUTH ..	79	41	68·3	55·1	61·4	+ 4·7	136	+ 34	0	0	3	− 1	0·28	−0·52	36	+ 2	39	+ 2
11. CHANNEL ISLANDS..	82	54	68·9	58·8	63·6	+ 3·5	151	+ 22	0	0	2	− 2	0·31	−0·35	44	− 1	48	− 1

THE SEASON (**Autumn**).—Aggregates, &c., for the Period of 1 Week, September 2nd to September 8th, 1906.

0. SCOTLAND NORTH ..	87	45	*	*	*	*	102	+ 24	0	0	6	+ 1	1·57	+0·54	32	+ 7	35	+ 8
Eastern 1. SCOTLAND, EAST ..	87	42	*	*	*	*	120	+ 36	0	0	4	0	0·45	−0·23	43	+ 16	46	+17
Eastern 2. ENGLAND, N.E. ..	94	45	*	*	*	*	153	+ 57	0	0	0	− 3	0·00	−0·54	50	+ 15	54	+16
Eastern 3. ENGLAND, EAST ..	93	51	*	*	*	*	174	+ 66	0	0	1	− 2	0·20	−0·32	55	+ 17	60	+18
Eastern 4. MIDLAND COUNTIES	96	43	*	*	*	*	162	+ 62	0	0	1	− 2	0·04	−0·55	48	+ 17	52	+19
Eastern 5. ENGLAND, SOUTH ..	92	50	*	*	*	*	164	+ 48	0	0	1	− 2	0·46	−0·11	50	+ 12	54	+13
Western 6. SCOTLAND, WEST ..	89	41	*	*	*	*	120	+ 30	0	0	3	− 1	0·75	−0·28	40	+ 9	43	+10
Western 7. ENGLAND, N.W. ..	90	43	*	*	*	*	136	+ 35	0	0	3	− 1	0·30	−0·49	40	+ 9	43	+10
Western 8. ENGLAND, S.W. ..	88	37	*	*	*	*	148	+ 40	0	0	1	− 3	0·07	−0·73	41	+ 3	45	+ 3
Western 9. IRELAND, NORTH ..	78	44	*	*	*	*	116	+ 23	0	0	5	0	0·35	−0·47	26	− 1	28	− 2
Western 10. IRELAND, SOUTH ..	79	41	*	*	*	*	136	+ 34	0	0	3	− 1	0·28	−0·52	36	+ 2	39	+ 2
11. CHANNEL ISLANDS..	82	54	*	*	*	*	151	+ 22	0	0	2	− 2	0·31	−0·35	44	− 1	48	− 1

THE YEAR.—Aggregates, &c., for the period of 36 Weeks, December 31st, 1905, to September 8th, 1906.

0. SCOTLAND, NORTH ..	87	8	*	*	*	*	1526	− 47	646	+ 87	179	+25	36·36	+5·56	936	+ 14	27	0
Eastern 1. SCOTLAND, EAST ..	88	11	*	*	*	*	1856	+ 18	624	+ 20	145	+14	21·72	+1·26	1153	+ 93	34	+ 3
Eastern 2. ENGLAND, N.E. ..	94	18	*	*	*	*	2303	+290	464	− 22	123	+ 5	14·34	−2·10	1299	+121	39	+ 4
Eastern 3. ENGLAND, EAST ..	93	23	*	*	*	*	2540	+203	413	−119	106	− 9	13·90	−1·81	1463	+224	44	+ 7
Eastern 4. MIDLAND COUNTIES	96	18	*	*	*	*	2486	+184	486	− 56	117	− 1	14·77	−3·38	1274	+183	38	+ 6
Eastern 5. ENGLAND, SOUTH ..	92	20	*	*	*	*	2562	+ 49	351	− 39	113	− 2	16·03	−1·30	1509	+230	46	+ 7
Western 6. SCOTLAND, WEST ..	89	14	*	*	*	*	2019	+ 78	419	− 2	149	+10	31·94	+1·30	1167	+ 66	35	+ 2
Western 7. ENGLAND, N.W. ..	90	16	*	*	*	*	2226	+ 70	379	− 13	139	+12	23·78	+2·12	1215	+119	36	+ 4
Western 8. ENGLAND, S.W. ..	88	19	*	*	*	*	2424	+ 53	327	+ 31	135	+10	26·01	+1·80	1343	+116	41	+ 4
Western 9. IRELAND, NORTH ..	84	20	*	*	*	*	2013	− 59	355	+ 1	177	+22	25·47	+1·48	1053	+ 42	31	+ 1
Western 10. IRELAND, SOUTH ..	81	24	*	*	*	*	2461	+ 90	264	0	161	+22	23·99	−2·64	1172	+ 9	35	0
11. CHANNEL ISLANDS..	89	27	*	*	*	*	2718	+ 38	79	− 35	130	0	17·01	−3·21	1541	+ 42	47	+ 1

Bright Sunshine.—For certain of the Districts the values of Bright Sunshine in this Table are based on the records from a part only of the Stations included in the Tables under II. and IV. For certain of the Stations Mean Values are not available, and for the Districts containing these Stations the "Difference from Average" is based on the records from a smaller number of Stations than those supplying the values for "Hours Recorded."

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II.—DATA from which the SUMMARY on page 211 has been calculated.

September 2-8, 1906.		Temperature. In Degrees Fahrenheit.								Rainfall.			Bright Sunshine.			
Districts.	Names of Stations.	Highest observed.	Lowest observed.	Averages for the Week. Of Highest each day.	Of Lowest each day.	For whole of each day.	Difference of Daily Average from Mean for the Week.	Accumulated Heat for the Week (in Day-degrees). Above 42°	Below 42°	Number of Rain-Days.	Rainfall in the Week.	Difference from the Mean for the Week.	Number of Hours recorded.	Difference from the Mean for the Week.	Percentage of possible duration.	Difference from the Mean for the Week.
		°	°	°	°	°	°	Day-deg	Day-deg		Inches.	Inches.	Hrs.	Hrs.	%	%
0. SCOTLAND, N.	†Sumburgh Head (Deerness)	62	48	56·7	50·1	53·2	+ 2·1	78	0	6	0·86	+ 0·10	37·8	+ 11·7	40	+ 12
	Wick	75	47	64·7	49·9	56·9	+ 4·2	104	0	5	0·56	− 0·06	*	*	*	*
	†Lairg (Strathpeffer)								0							
	Stornoway	76	45	63·3	50·6	56·7	+ 4·3	103	0	6	0·38	− 0·07	33·9	+ 5·9	36	+ 6
	Glencarron	86	49	63·1	51·4	57·0	+ 4·7	105	0	6	3·36	+ 1·48	*	*	*	*
	Fort Augustus	87	46	65·8	50·7	57·9	+ 3·9	111	0	6	1·38	+ 0·48	26·6	+ 6·7	28	+ 7
	Fort William	85	47	64·2	51·5	57·6	+ 3·2	109	0	6	2·88	+ 1·28	*	*	*	*
1. SCOTLAND, E.	Nairn	80	46	66·4	49·7	57·7	+ 3·8	110	0	5	0·62	+ 0·07	36·4	—	39	—
	Aberdeen	77	49	67·6	51·4	59·1	+ 5·3	120	0	4	0·28	− 0·36	51·0	+ 20·3	54	+ 22
	†Balmoral (Crathes)	84	42	65·8	47·1	56·0	+ 5·4	98	0	4	0·98	+ 0·19	45·2	—	48	—
	†Clathick (Balruddery)	84	44	70·4	50·2	59·8	+ 5·5	125	0	4	0·55	− 0·25	41·0	—	44	—
	†Leith (Edinburgh)	77	51	69·1	55·0	61·7	+ 6·0	138	0	3	0·21	− 0·32	42·6	+ 16·0	45	+ 17
	Marchmont	87	46	69·1	53·0	60·7	+ 7·4	131	0	1	0·05	− 0·70	41·1	+ 11·5	44	+ 12
2. ENGLAND, N.E. Northern part.	†Alnwick Castle (Cockle Park)	80	45	71·1	53·6	61·9	+ 7·5	139	0	1	0·01	− 0·64	46·4	—	50	—
	†Shields (Newcastle)	82	49	71·3	55·1	62·8	+ 8·0	146	0	0	0·00	− 0·53	36·1	+ 10·6	39	+ 11
	Durham	85	46	71·0	53·7	61·9	+ 6·8	139	0	0	0·00	− 0·54	42·3	+ 12·8	46	+ 14
	Scarborough	79	54	73·2	57·7	65·1	+ 9·1	162	0	1	0·01	− 0·56	51·6	—	56	—
	York	90	49	74·0	54·9	64·0	+ 7·7	154	0	0	0·00	− 0·54	46·9	+ 16·9	50	+ 19
Southern part.	†Spurn Head (Saltburn)	72	54	69·4	58·4	63·6	+ 6·2	151	0	0	0·00	− 0·42	53·5	—	58	—
	†Lincoln (Skegness)								0				57·7	—	62	—
	†Fulbeck (Rauceby)	94	49	79·1	56·9	67·5	+ 9·9	179	0	0	0·00	− 0·53	54·5	—	59	—
	(Cromer)												55·5	—	60	—
3. ENGLAND, E. Northern part.	Hillington	93	53	79·9	57·0	67·9	+10·7	181	0	1	0·02	− 0·58	51·5	+ 16·5	56	+ 18
	†Yarmouth (Lowestoft)	76	57	72·0	60·6	66·0	+ 8·3	168	0	2	0·04	− 0·50	56·8	—	62	—
	Geldeston	90	51	79·9	56·1	67·4	+ 9·8	178	0	2	0·05	− 0·49	53·5	+ 15·0	58	+ 16
	(Dunmow)												52·1	—	57	—
Southern part.	Cambridge	93	53	80·6	56·4	67·9	+ 9·7	181	0	1	0·02	− 0·48	53·1	+ 15·7	58	+ 17
	Felixstowe	78	56	73·9	59·2	66·2	+ 7·7	169	0	1	0·17	—	61·7	—	67	—
	Clacton-on-Sea	79	54	74·4	59·9	66·8	+ 7·4	174	0	2	0·27	—	63·2	—	69	—
	Rothamsted	90	51	77·8	54·8	65·8	+ 9·1	167	0	1	0·14	− 0·42	55·8	+ 18·7	61	+ 20
	†Shoeburyness (Southend)	83	54	76·0	57·1	66·1	+ 6·5	169	0	1	0·48	+ 0·06	59·0	—	64	—
	London, Westminster	91	54	78·4	58·7	68·1	+ 8·5	183	0	1	0·62	+ 0·11	48·4	+ 17·4	53	+ 19
4. MIDLAND COUNTIES. Eastern part.	Harrogate	87	47	70·7	54·1	62·0	+ 7·1	140	0	1	0·06	− 0·54	45·0	—	48	—
	†Bawtry (Worksop)	96	48	77·6	54·7	65·6	+ 9·3	165	0	0	0·00	− 0·50	44·3	+ 14·8	48	+ 16
	Nottingham	94	47	78·9	55·6	66·7	+10·0	173	0	1	0·05	− 0·49	46·8	—	50	—
	†Colly Weston (Oundle)	94	53	80·3	56·4	67·8	+10·5	181	0	0	0·00	− 0·54				
	Birmingham, Edgbaston	90	48	75·1	57·1	65·7	+ 9·9	166	0	1	0·09	− 0·49	48·9	—	53	—
	Oxford	92	54	78·1	56·9	67·0	+ 9·6	175	0	1	0·02	− 0·48	54·6	+ 18·1	59	+ 20
Western part.	†Cheadle (Sheffield)	89	47	71·6	55·4	63·1	+ 8·1	148	0	2	0·18	− 0·55	46·7	—	50	—
	Shrewsbury	90	43	73·4	54·1	63·3	+ 5·6	149	0	1	0·04	—	*	*	*	*
	Hereford	87	44	75·1	54·9	64·5	+ 7·8	158	0	0	0·00	− 0·56	*	*	*	*
	Cirencester	89	49	76·5	55·4	65·5	+ 9·5	165	0	0	0·00	− 0·66	54·2	+ 18·9	59	+ 21
	Bath	86	54	74·3	57·3	65·4	+ 7·6	164	0	0	0·00	− 0·65	44·2	—	48	—
	(Margate)												55·0	+ 17·5	60	+ 19
5. ENGLAND, S.	Kew	92	53	78·0	57·5	67·3	+ 9·1	177	0	1	0·81	+ 0·31	49·3	+ 13·3	54	+ 15
	Wisley, Surrey	92	51	78·2	54·8	65·9	+ 6·1	167	0	1	0·91	—	48·7	—	53	—
	†Swarraton (Ventnor)	88	50	76·1	55·7	65·4	+ 9·0	164	0	1	0·46	− 0·17	47·0	+ 5·0	51	+ 5
	Tunbridge Wells	91	52	77·1	55·8	65·9	+ 8·4	167	0	2	0·53	− 0·03	56·0	+ 16·9	61	+ 18
	†Dungeness (Littlestone)	81	56	69·0	59·9	64·2	+ 5·0	155	0	2	0·36	− 0·14	49·7	—	54	—
	Hastings	81	55	70·5	58·4	64·2	+ 4·8	155	0	1	0·27	− 0·33	49·2	+ 7·1	54	+ 8
	Southampton	82	53	77·9	58·4	67·7	+ 8·5	180	0	1	0·15	− 0·47	52·0	+ 11·6	57	+ 13
	†Portland Bill (Worthing)	71	57	66·9	59·0	62·8	+ 3·1	146	0	1	0·16	—	45·4	—	49	—
	(Eastbourne)												47·9	+ 6·4	52	+ 7
6. SCOTLAND, W.	†Laudale, (Oban)	84	49	65·0	52·6	58·5	+ 4·0	116	0	6	2·66	+ 1·09	25·7	—	27	—
	Glasgow	82	47	64·7	53·5	58·8	+ 4·8	118	0	4	0·71	− 0·19	35·2	+ 9·6	37	+ 10
	Dumfries	89	47	71·1	51·4	60·8	+ 5·4	132	0	3	0·09	− 0·71	*	*	*	*
	Cally	81	41	71·4	48·1	59·2	+ 5·3	120	0	3	0·21	− 0·79	*	*	*	*
	Douglas, Isle of Man	74	48	65·0	52·1	58·2	+ 3·0	113	0	1	0·10	− 0·79	44·8	+ 9·2	48	+ 10
7. ENGLAND, N.W.	Aspatria	86	46	67·5	54·0	60·4	+ 5·6	129	0	2	0·14	− 0·89	39·1	—	42	—
	Newton Rigg	85	46	67·0	51·8	59·0	+ 5·4	119	0	3	0·20	− 0·58	36·8	+ 6·1	40	+ 7
	Stonyhurst	84	48	66·3	54·2	60·0	+ 4·8	126	0	3	0·66	− 0·44	42·0	+ 11·0	45	+ 12
	Blackpool	87	54	67·3	57·0	61·9	+ 5·5	139	0	3	0·11	− 0·71	40·9	+ 8·8	44	+ 10
	Manchester, Prestwich	90	46	71·5	54·3	62·5	+ 6·6	144	0	2	0·67	− 0·19	40·1	+ 12·6	43	+ 14
	†Liverpool Obs. (Hoylake)	86	53	68·0	58·0	62·8	+ 5·8	146	0	2	0·40	− 0·29	40·6	—	44	—
	†Hawarden Bridge (Southport)	88	49	70·6	56·9	63·4	+ 5·7	150	0	3	0·25	− 0·31	37·6	—	40	—
NORTH WALES	Llandudno	86	51	69·0	57·6	63·0	+ 5·2	147	0	3	0·16	− 0·49	40·6	+ 7·7	44	+ 8
	†Holyhead (Aberdovey)	75	54	64·7	56·6	60·5	+ 3·3	130	0	4	0·06	− 0·63	36·4	—	40	—
	Bettws-y-Coed	83	43	68·7	52·4	60·2	+ 2·8	127	0	2	0·30	—	38·8	—	42	—
8. SOUTH WALES	Llangammarch Wells	82	37	69·7	51·9	60·4	+ 4·9	129	0	1	0·22	—	37·7	—	41	—
	Pembroke	66	55	64·4	58·0	61·1	+ 3·8	134	0	1	0·01	− 0·71	31·2	− 6·3	34	− 7
	†Cardiff (Aberystwyth)	84	45	71·9	53·8	62·4	+ 4·3	143	0	2	0·09	− 0·86	41·5	—	45	—
ENGLAND, S.W.	†Clifton (Torquay)	88	54	73·3	59·3	66·0	+ 7·5	168	0	0	0·00	− 0·73	54·4	+ 13·8	59	+ 15
	†Shaftesbury (Marlborough)	83	52	73·9	57·3	65·2	+ 8·6	162	0	1	0·04	− 0·62	44·8	+ 11·2	49	+ 12
	†Arlington (Newquay)	79	47	68·7	54·1	61·1	+ 5·0	134	0	4	0·25	− 0·85				
	Cullompton	84	47	75·7	54·1	64·4	+ 6·6	157	0	0	0·00	− 0·66	46·3	+ 10·4	50	+ 11
	Plymouth	75	50	71·9	56·9	64·0	+ 5·4	154	0	0	0·00	− 0·70	41·1	+ 2·1	45	+ 2
	Falmouth	75	54	69·9	57·5	63·4	+ 5·3	150	0	0	0·00	− 0·84	47·5	+ 6·4	52	+ 7
9. IRELAND, N. Western part.	Malin Head	71	53	61·7	54·6	58·0	+ 2·5	112	0	5	0·33	− 0·39	*	*	*	*
	Edenfel	74	44	64·7	51·6	57·8	+ 3·9	111	0	4	0·30	− 0·55	*	*	*	*
	Blacksod Point	69	51	63·1	55·4	59·1	+ 3·0	120	0	6	0·61	− 0·39	*	*	*	*
	Markree Castle	67	44	64·8	50·8	57·5	+ 3·0	109	0	5	0·37	− 0·53	18·8	− 7·7	20	− 8
Eastern part.	Armagh	78	49	67·2	52·0	59·2	+ 4·6	120	0	4	0·39	− 0·32	32·8	+ 4·2	35	+ 5
	Donaghadee	73	47	67·1	52·1	59·2	+ 3·9	120	0	4	0·08	− 0·62	*	*	*	*
10. IRELAND, S. Eastern part.	†Dublin, City (Phœnix Park)	78	52	69·6	56·7	62·8	+ 5·9	146	0	2	0·23	− 0·35	34·5	− 0·1	37	0
	Kilkenny	79	43	70·0	53·7	61·5	+ 5·3	137	0	3	0·40	− 0·27	*	*	*	*
	Waterford	75	46	69·9	53·9	61·5	+ 5·0	137	0	1	0·46	− 0·31	*	*	*	*
Western part.	Birr Castle	74	41	67·4	53·3	60·0	+ 4·5	126	0	4	0·21	− 0·52	30·3	− 0·3	33	0
	Foynes	?	47	?	56·3	?	+ ?	?	?	5	0·27	− 0·49	*	*	*	*
	Killarney	75	49	69·9	55·9	62·6	+ 5·7	144	0	3	0·13	− 0·33	*	*	*	*
	Valencia	67	49	63·9	55·4	59·5	+ 2·0	123	0	6	0·19	− 0·87	38·0	+ 6·3	41	+ 7
	†Roches Point (Ballinacurra)	73	54	67·4	57·0	62·0	+ 4·5	140	0	3	0·31	− 0·54	40·3	—	44	—
11. ENGLISH CHANNEL	Scilly, St. Mary's	69	58	65·7	58·9	62·1	+ 2·9	141	0	1	0·03	− 0·63	42·5	− 0·9	47	− 1
	†Jersey, St. Aubins (St. Heliers)	82	57	72·4	59·4	65·6	+ 4·5	165	0	2	0·35	− 0·29	47·3	+ 1·3	52	+ 2
	Guernsey	76	54	68·7	58·1	63·2	+ 3·1	148	0	2	0·56	− 0·13	41·7	− 3·6	46	− 4

Information for Stations marked ℳ is supplied by the Royal Meteorological Society, and that for Stations marked 𝒮 is supplied by the Scottish Meteorological Society.

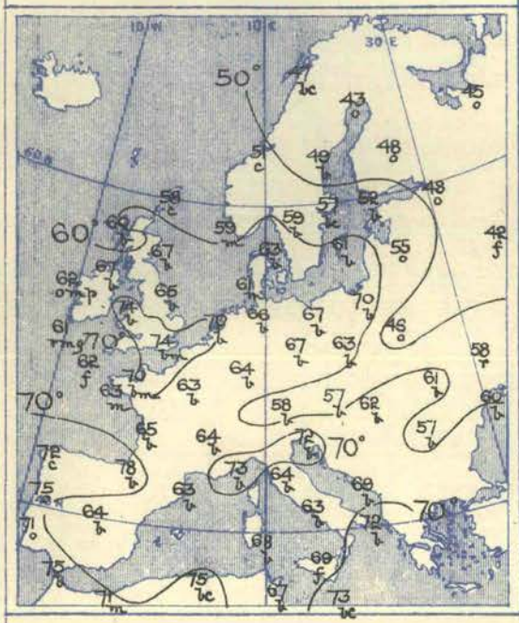
* An Asterisk is inserted in all places for which the information is not usually given.

† There is no Sunshine Recorder in use at this Station. The figures entered for Sunshine are those recorded at a Station in the same district of which the name is given in brackets.

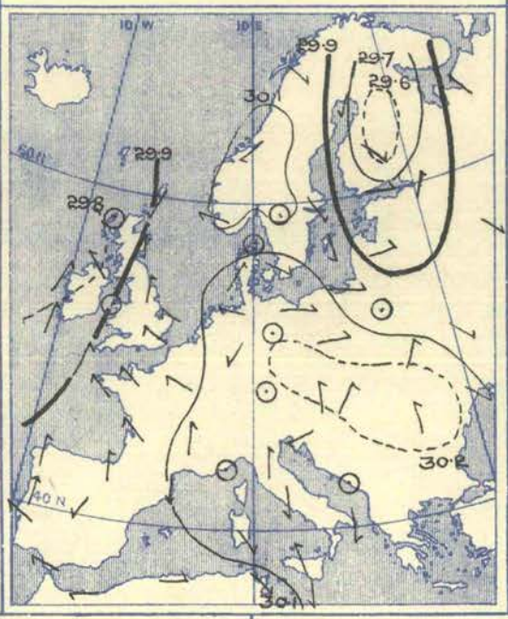
Additional Sunshine Totals for the week: Ramsgate, 58·2 hrs., 63 %; Brighton, 39·7 hrs. (− 2·3), 43 % (− 3 %); Bournemouth, 59·6 hrs., 65 %; Bognor, 46·0 hrs., 50 %; Rhyl, 57·6 hrs., 62 %; Tenby, 34·1 hrs., (− 4·3), 37 % (− 5 %).

Sunday, 2nd September, 1906.

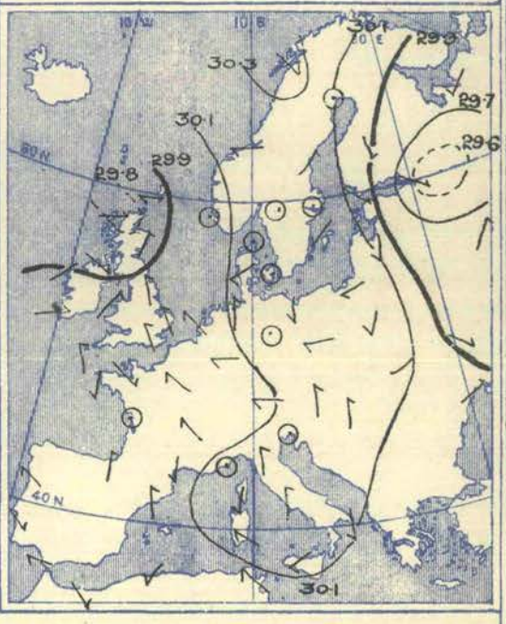
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. extremely fine and bright over Great Britain and the major portion of the Continent; dull and rainy in some parts of Finland and Little Russia, as well as in the south-west of Ireland. Rain falling at St. Petersburg and Moscow later, but continuing very fine generally.

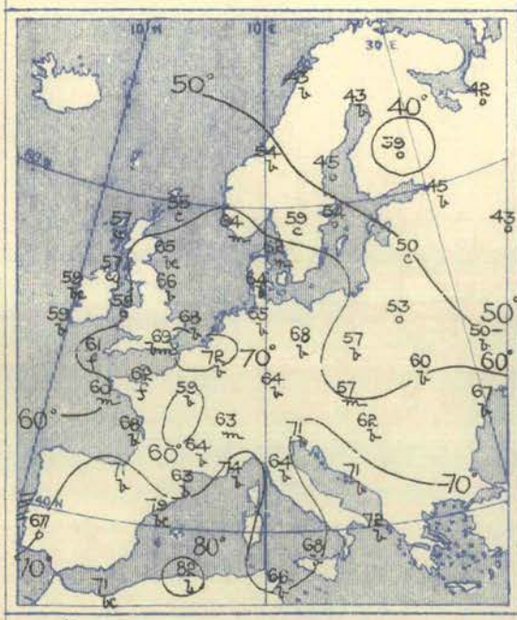
TEMPERATURE risen in most localities. Readings in morning between 70° and 75° in the central and southern counties of England, and nearly 70° in several other parts of the Kingdom. Highest values over the southern part of our area, 78° at Biarritz, and 75° at Oporto and Algiers; lowest in the north of Europe, 41° at Uleaborg and 42° at St. Petersburg. Maxima during day again abnormally high over these Islands; 96° at Bawtry, 94° at Canterbury and Nottingham, 92° at Oxford and Hillington, 91° in London, and at Barnetby, Lincolnshire, 90° at Margate and Birmingham, and nearly 90° in many other places. Thermometer rising to 90° or above in France and some more southern regions. Highest readings, 95° at Biarritz and 99° at Bilbao.

WIND in morning showing a cyclonic circulation around Finland and an anticyclonic movement over the central countries. Light airs from between South and South-East prevailing over the United Kingdom. No great change as a whole later, but Westerly and South-Westerly breezes appearing over Scotland and the north of Ireland.

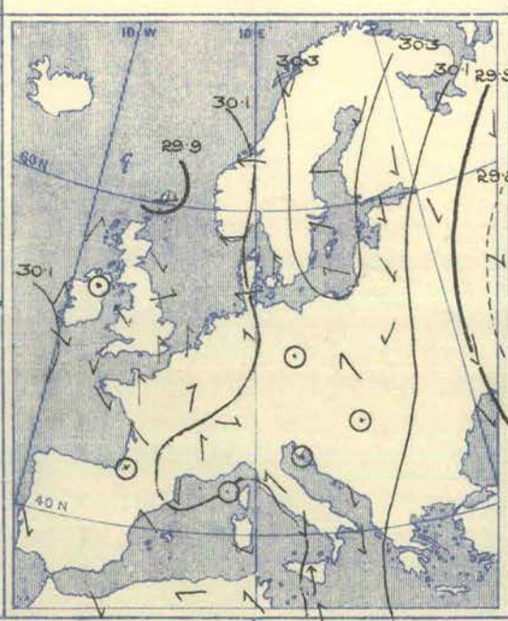
BAROMETER at 8 a.m. above 30·2 ins. in an anticyclone over a considerable part of central Europe; decreasing to below 29·6 ins. in a rather deep depression centred over Finland and to less than 29·8 ins. off the west of Ireland. Finnish disturbance travelling south-eastwards during day and a separate depression forming over Little Russia. A very shallow and ill-defined depression appearing over Scotland. Continental high pressure giving way somewhat, but a new rise of the barometer taking place in Ireland.

Monday, 3rd September, 1906.

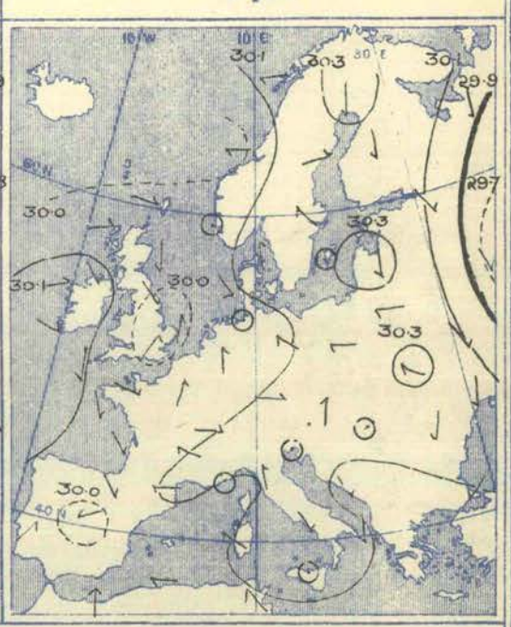
Temperature and Weather 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. still fine and bright in most parts of England and in many Continental localities, but cloudy or overcast in the west and north-west of our Islands and foggy at some coast stations in the south-west. Dull at Lisbon and rainy at Oporto. Sky becoming cloudy or overcast in nearly all parts of these Islands by evening or night, and rain falling in various districts in Ireland and Scotland.

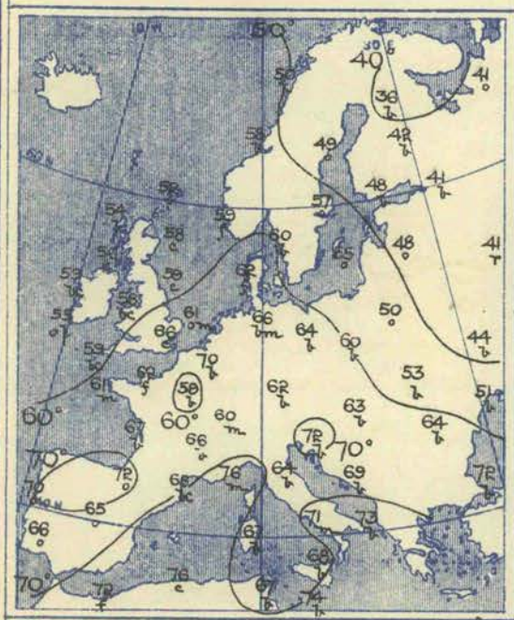
TEMPERATURE fallen at nearly all our own stations, decidedly in places. Readings in morning still as high as 72° at Clacton-on-Sea and 69° in London, but below 60° in the extreme west and north of the Kingdom. Continental readings ranging from 79° at Barcelona to below 50° in the north and north-east and to 39° at Kuopio. Rising during day to 91° at Barnetby, 90° at Nottingham and Margate, 87° in London, and to above 80° over the greater portion of England. Maxima much lower than of late in the west and north of our Islands. Maxima between 80° and 90° very generally over southern Europe, Germany, and the Netherlands.

WIND in morning light from the North-Westward or Westward over our western and northern districts and Southerly over the eastern half of England. Generally between South and East over the western countries of the Continent and from some Northerly point in the east. North-Westerly or Westerly current extending to the whole of England by evening or during the night, but continuing Westerly along the western seaboard of these Islands.

BAROMETER in morning above 30·2 ins. in a long area of high pressure extending from the Arctic portion of Scandinavia to the south of Poland; below 30·0 ins. in a low pressure area of similar form stretching from the northward to our south and south-west coasts, and below 29·7 ins. over the south-east of Russia. An increase of pressure spreading over our Islands from the westward during day in the rear of a very shallow depression travelling eastwards. No material change occurring on the Continent.

Tuesday, 4th September, 1906.

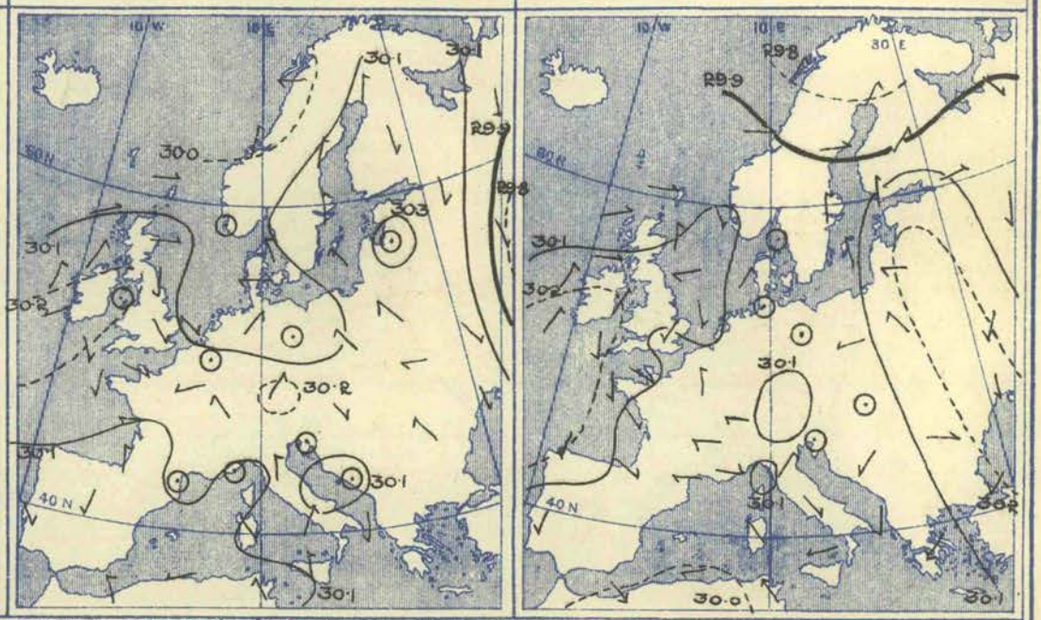
Temperature and Weather. 8 a.m.



WEATHER at 8 a.m. cloudy or dull over the United Kingdom, Scandinavia, and at several stations in the Spanish Peninsula, with showers in the south-west of Ireland, rain at Christiansund, and fog at Skudesnaes. Fair or very fine elsewhere, except in some Russian localities; rain falling at Moscow. Slight rain later in Ireland and heavier amounts in the south-east of England, the north east of France, and in Norway and Finland. As much as 0·62 in. in London (Westminster), 0·85 in. at Greenwich, and 1·06 in. at Wandsworth Common. Considerable quantities also experienced in Portugal and at San Fernando, and a thunderstorm occurring at Algiers.

TEMPERATURE fallen as a whole, risen in Scandinavia. Readings in morning ranging from 78° at Barcelona, 76° at Algiers, and 74° at Malta, Nice, and Cape Sicié, to below 60° in many parts of central Europe and in the north and west of our Islands to below 50° in the north and north-east of Europe, and to 36° at Uleaborg. Rising during day to 76° in London, 78° at Bournemouth, to between 80° and 90° over the central and southern countries and to above 90° at Patras and some French stations.

Barometer and Wind. 8 a.m. and 6 p.m.

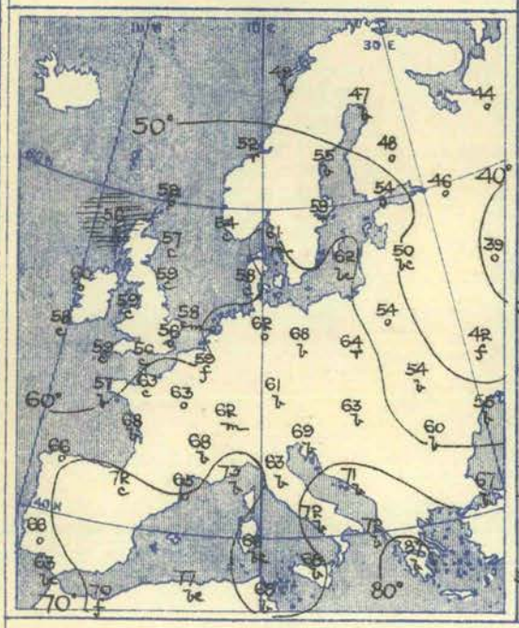


WIND in morning South-Westerly in the north of Ireland, Westerly in Scotland, and North-Westerly or Northerly over England. Mainly Southerly over Scandinavia and Northerly in Russia. Scarcely any force beyond a light or moderate breeze in any portion of our area; direction very variable in the region of the Mediterranean. No change of importance later.

BAROMETER in morning above 30·2 ins. in a long band extending from the Arctic Circle southwards to the Black Sea, and above 30·1 ins. over the greater part of Ireland and the adjacent portion of the Atlantic: below 29·8 ins. over central Russia and relatively low off the north-west of Norway, and over the North Sea, Germany, Denmark, and the Netherlands, as well as in Italy. Barometer falling decidedly later over the major portion of Scandinavia, Finland, and the north of Russia, and slightly on our north and north-west coasts.

Wednesday, 5th September, 1906.

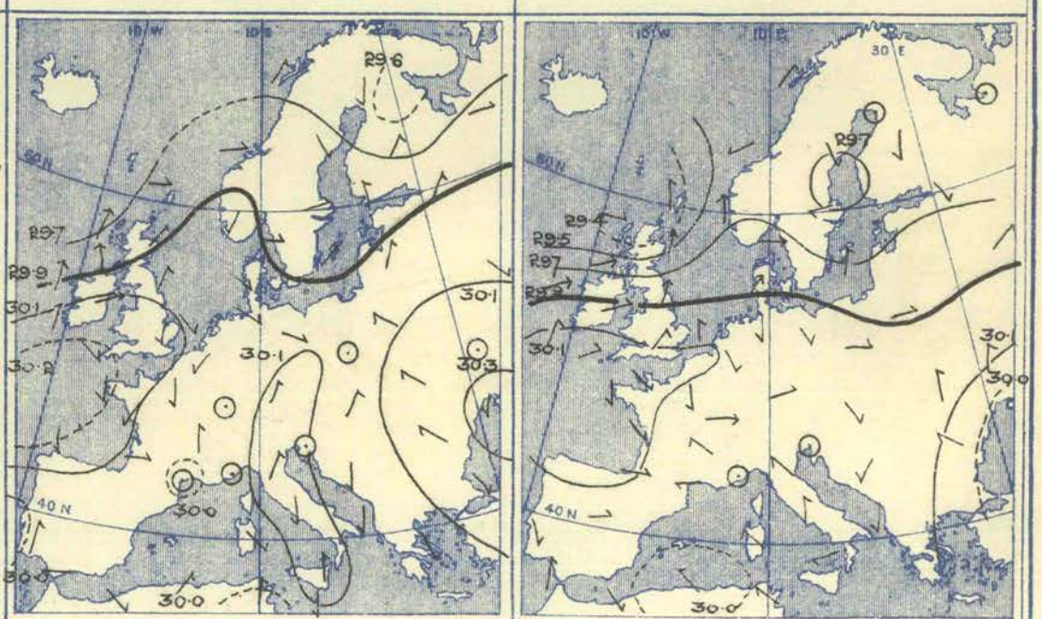
Temperature and Weather. 8 a.m.



WEATHER at 8 a.m. fine and bright in Italy and some other southern localities, but cloudy or quite overcast in most other regions. Rain falling at Stornoway, Christiansund, Breslau, the Helder, and Cape Gris Nez, and fog prevailing in several other places. Rain experienced later in the north and west of our Islands, and over Scandinavia and Finland, as well as at Madrid. Largest fall, 0·7 in. at Skudesnaes.

TEMPERATURE risen generally, fallen over Norway and in many parts of England. Readings in morning above 70° in many parts of the Mediterranean region and at Oporto and as high as 87° at Patras. Below 60° over our area as a whole, and below 50° in the north and east of the Continent; lowest values, 39° at Moscow and Kharkoff. Maxima during day, 95° at Lyons, about 90° at several other French stations and at Rome, Naples, and Buda-Pesth, and much above 80° at some German stations. Highest in the United Kingdom, 73° at Oxford and 74° at Lowestoft.

Barometer and Wind. 8 a.m. and 6 p.m.



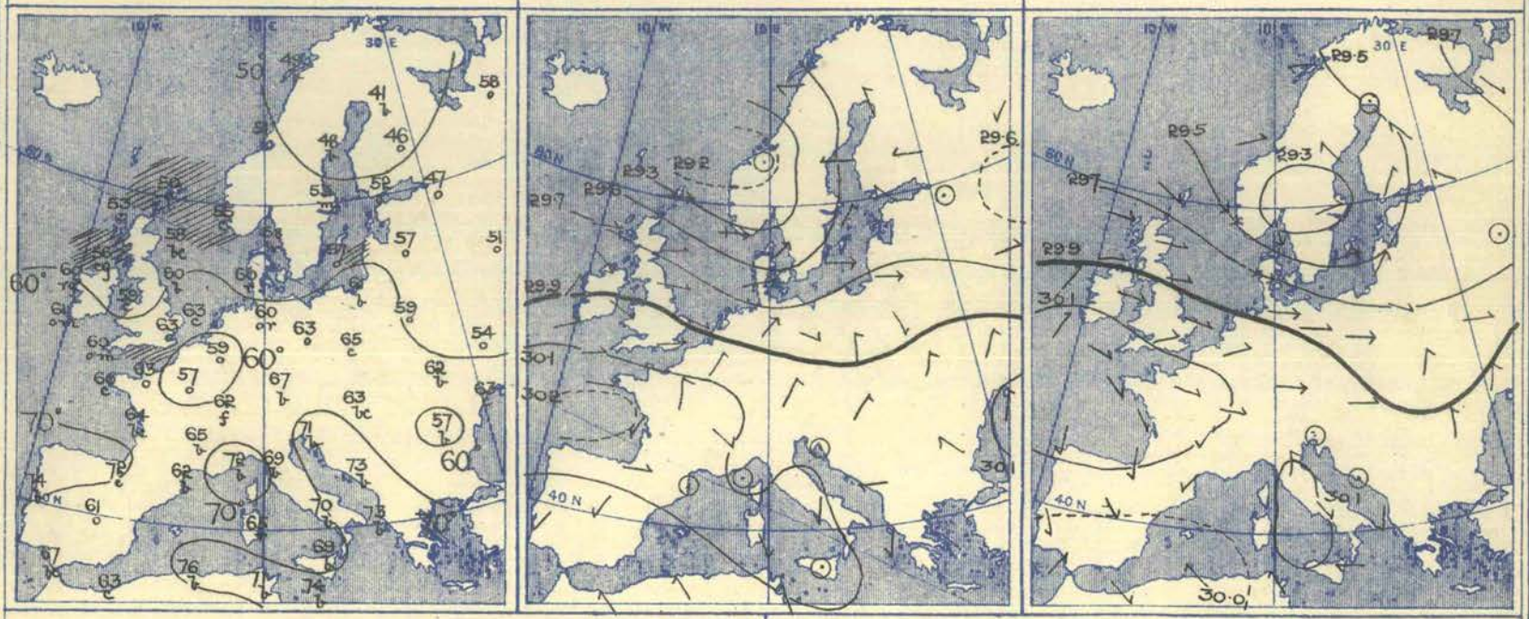
WIND in morning fresh or strong from the Southward on our most north-western coasts and light from between North-West and North in the east of England, over the Low Countries, and France. Rather variable breezes prevailing elsewhere, mainly cyclonic in the north and anticyclonic in the south of our area. Veering somewhat and increasing in strength on our northern and north-western coasts later; attaining the force of a strong gale at Malin Head by evening and a fresh gale from South setting in at Skudesnaes.

BAROMETER in morning above 30·3 ins. in the extreme south of Russia, above 30·2 ins. over the Bay of Biscay and off our south-west coasts, and above 30·1 ins. in an elongated area extending from central Europe to Malta. Depressions shown on our north-west coasts and over Scandinavia and Finland; lowest reading, 29·6 ins. at Uleaborg. High pressure systems decreasing somewhat in intensity during day and depression off our north-west coasts moving eastwards and causing a greatly increased gradient over the north of the United Kingdom.

Thursday, 6th September, 1906.

Temperature and Weather. — 8 a.m.

Barometer and Wind. — 8 a.m. | 6 p.m.



WEATHER at 8 a.m. fine and bright at nearly all southern stations, but rainy at Lisbon and Cagliari. Cloudy or overcast in most northern regions, with rain at Blacksod Point, as well as at Karlstad and at some stations in Holland and North Germany. Slight rain falling in most parts of our western and northern districts later and heavier amounts in Scandinavia and Finland.

TEMPERATURE risen over Ireland, England, Russia, and Austria-Hungary, fallen or changed little elsewhere. Readings in morning as high as 81° at Sfax and above 70° in many other southern localities. As low as 41° at Uleaborg and below 50° towards the north of the Continent generally. Rising during day to 73° at Roche's Point, to 74° at Oxford and in London, to above 80° in most parts of France, central, and southern Europe, and to about 90° in a few places.

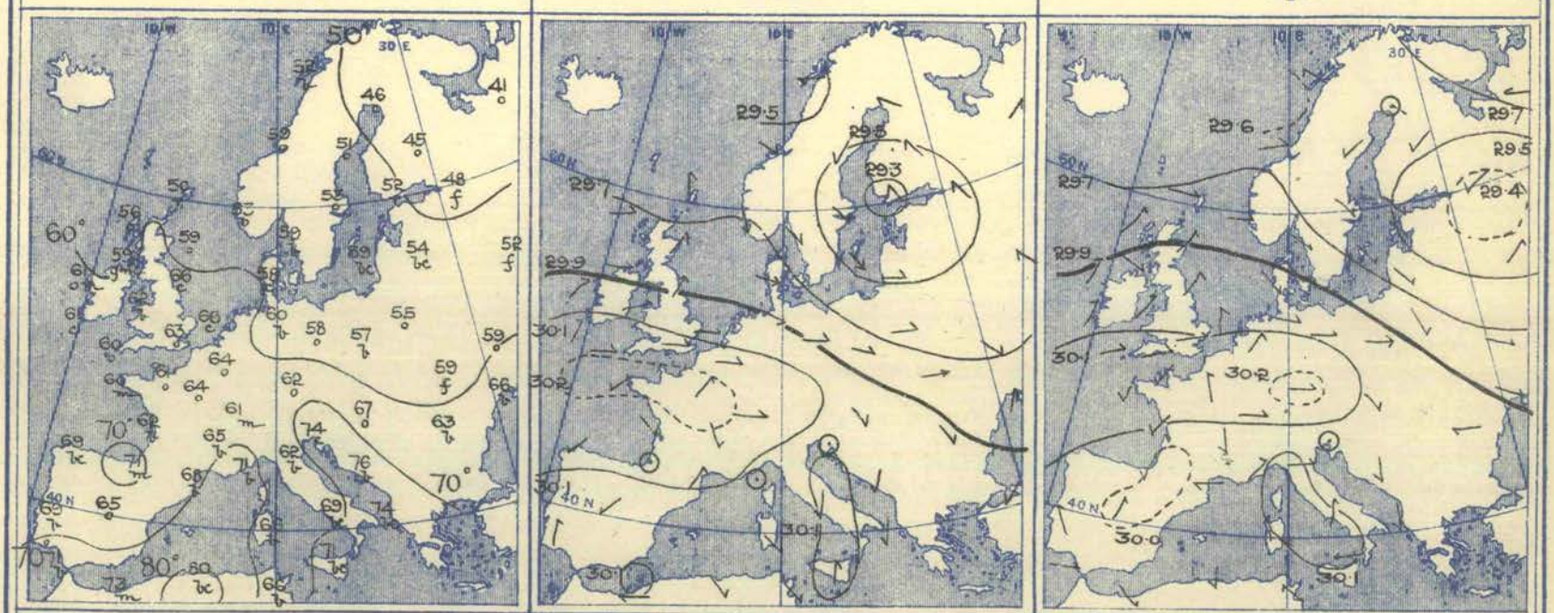
WIND in morning blowing freshly or strongly from the Westward over our Islands generally and with the force of a gale at Wick; strong winds from between South and West also prevailing over Denmark and the south of Scandinavia, with a gale at Skudesnaes. A moderate breeze from the Eastward blowing in the north of Scandinavia and over Finland. Light airs from various points general over the Mediterranean and southern Europe. Decreasing in force over these Islands later in day but increasing to a gale from the North-Westward over Denmark. A complete cyclonic circulation shown over Scandinavia by evening.

BAROMETER in morning above 30·1 ins. in an irregularly shaped area extending from the Bay of Biscay to Italy and Malta. Below 29·7 ins. over the northern half of Russia, and less than 29·2 ins. in a depression having its minimum off the west coast of Norway. Latter system travelling east-south-eastwards during day and pressure increasing briskly in its rear. Little change taking place in the general distribution.

Friday, 7th September, 1906.

Temperature and Weather. — 8 a.m.

Barometer and Wind. — 8 a.m. | 6 p.m.



WEATHER at 8 a.m. fine and bright over the greater part of southern Europe and in various places further north, but cloudy or overcast over our area as a whole, and rainy in the Shetlands, at Hango, and Aix-la-Chapelle. Rain, generally slight, falling later in Scotland and at some Irish stations and also in various parts of Scandinavia and Russia.

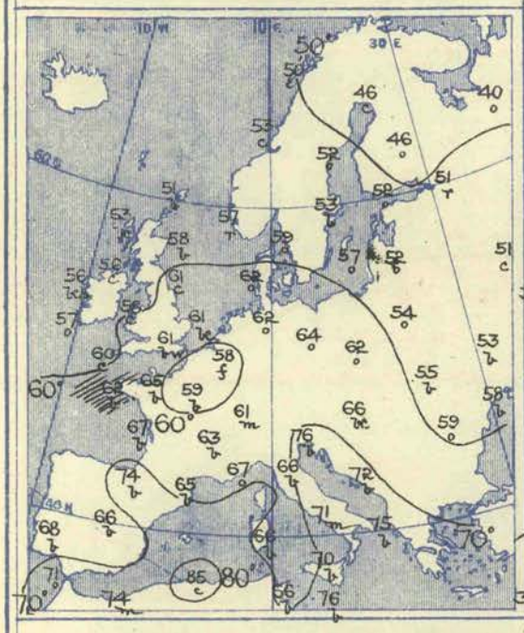
TEMPERATURE risen in most places, fallen over central Europe and on the coasts of North Germany. Readings in morning ranging from 80° at Algiers, 77° at Cape Sicié, and 74° at Oporto to about 65° in many parts of England, to 50° in the Shetlands, and to below 50° in the extreme north of Europe; lowest value, 41° at Archangel. Rising during day to nearly 80° at many English stations and just touching that figure at Nottingham. Maxima 95° at Bilbao, 93° at Bordeaux and Toulouse, 91° at Algiers, 88° at Cagliari, and above 80° in many other southern regions.

WIND in morning showing a complete cyclonic circulation around the Baltic, the North-Westerly current blowing strongly. Light to moderate Westerly breezes prevailing over our Islands and the English Channel, and light Easterly winds in most parts of France. Little change later.

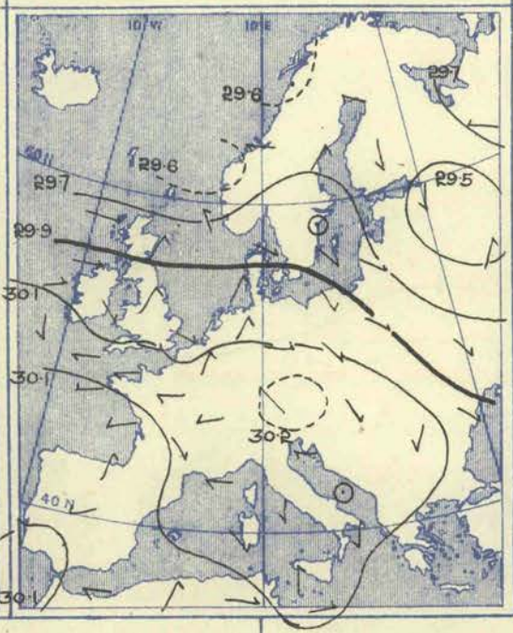
BAROMETER in morning above 30·2 ins. in an anticyclone having its central space over the north of France and its vicinity and above 30·1 ins. over the larger portion of Italy. Relatively low to the northward of Scotland and as low as 29·3 ins. in a large depression centred over the upper part of the Baltic. Changes during day slight and rather irregular as a whole, but northern depression travelling briskly eastwards to Russia and pressure increasing rather quickly in its rear.

Saturday, 8th September, 1906.

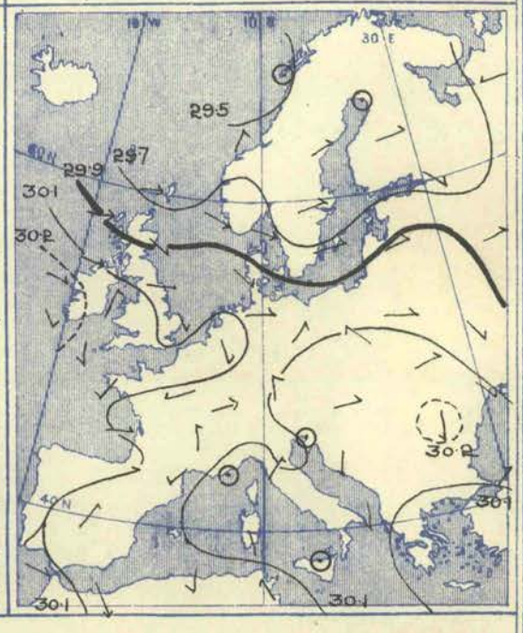
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine and bright over most of the United Kingdom and southern Europe; cloudy or dull over the more northern regions of the Continent, with rain in the south-west of Norway and on the shores of the Gulf of Finland. Rain later in some parts of the Spanish Peninsula, Scotland, Scandinavia, Russia, and Finland.

TEMPERATURE changed rather irregularly but fallen in most places. Readings in morning decreasing from 85° at Algiers and 84° at Barcelona to below 60° over the north and west of our Islands and in all parts of Scandinavia and Russia, and to 40° at Archangel. Rising to about 80° later over the centre and south-east of England, to above 80° in many regions of the Continent, and to above 90° at some French stations. Highest values, 97° at Toulouse and 99° at Bordeaux.

WIND in morning light or moderate and mainly Westerly over the United Kingdom and its neighbourhood, and Easterly over the greater part of France and Spain. A cyclonic circulation prevailing over Russia and variable airs over the Mediterranean. No great change occurring during day.

BAROMETER at 8 a.m. above 30·2 ins. to 30·1 ins. in an extensive area of irregular shape over most of central and southern Europe and the south of our Islands. Decreasing to below 29·6 ins. in disturbances off the west of Norway, and to below 29·5 ins. in a depression over Russia. Russian depression moving away eastwards later, and very little change taking place in the general distribution of pressure. An anticyclone to the westward of Ireland extending steadily eastwards over our Islands.

IV.—TEMPERATURE on the Grass, and in the Ground.

	STATION.	Grass Min. No. of Obs. of 30° or less.	Grass Min. Lowest reading.	Mean Earth Temp. At 1 foot.	Mean Earth Temp. At 4 feet.
			°	°	°
2.	York	—	—	62·1	58·2
	Hull	0	42	60·7	58·6
3.	Cambridge	0	43	—	—
	Dunmow	0	47	—	—
4.	Harrogate	0	44	59·0	57·0
	Sheffield	0	43	62·4	57·2
	Birmingham	0	37	61·4	55·8
	Nottingham	0	38	65·1	61·3
5.	Kew	0	45	65·0	60·0
	Canterbury	—	52	67·7	62·3
	Portsmouth	0	50	66·6	63·2
6.	Glasgow	0	37	—	—
7.	Newton Rigg	0	39	61·5	57·3
	Bettws-y-Coed	0	42	59·3	56·0
	Manchester (Oldham Road)	0	45	63·6	60·1
8.	Llangammarch Wells	—	—	61·8	57·0
	Bath				
	Plymouth	0	46	64·1	—
9.	Armagh	0	42	61·7	59·0
	Markree	0	38	—	—
10.	Dublin, Trin. Coll.	0	45	62·0	59·1
11.	Guernsey, Brooklyn	0	50	65·6	62·8

V.—OBSERVATIONS IN THE UPPER AIR.—Temperature, Humidity and Wind Velocity.

Date of Observation.	Station and its Height above M.S.L.		Heights in feet above Mean Sea Level. Ground Level.	1,660.	3,320	5,000.	6,660.	8,320.	10,000.	Remarks
1906.										
September 4th, 2.4 p.m. to 5.26 p.m.	Glossop Moor, 1,100 ft.	Temperature F.	59°	52°	43°					Two 9 ft. kites. Wire 5,370 ft.
		Humidity	76	90	63					
		Wind Velocity, m. per hr.	NW	NW, 18	NW, 22					
September 5th, 2.20 p.m. to 4.25 p.m.	Glossop Moor, 1,100 ft.	Temperature F.	60	56°	48°	42°				One 9 ft. kite. Wire 7,230 ft. Max. height 5,780 ft. Cloud level about 5,500 ft. Max. wind velocity 49 miles per hour. Kite dived, but recovered.
		Humidity	65	80	100	60				
		Wind Velocity, m. per hr.	W by S	W by S, 28	W by S, 34	WSW, 38				
September 5th,	Farnborough.	Temperature F.	In the afternoon, when the wind was blowing from the South-West on the ground, a balloon which went up to 6,000 ft., was in a strong current from the North-West, almost exactly at right angles to its original direction. On coming down below 3,000 ft., it dropped out of this current and again got into the former one.							
		Humidity								
		Wind Velocity, m. per hr.								
September 6th, 11.5 a.m. to 11.25 a.m.	Ditcham Park, Petersfield.	Temperature F.	64°	[58°]						One 9 ft. kite. Max. height 1,550 ft. Sky overcast, cloud level just reached. Wind fell to 10 miles per hour.
		Humidity	95	[100]						
		Wind Velocity, m. per hr.	W by S, 20	—						
September 6th, 12.7 p.m. to 2.35 p.m.	Brighton, 380 ft.	Temperature F.	63°	58°	50°					One 7 ft. kite and one 5 ft. 6 in. kite. Wire 6,800 ft. Max. height 3,415 ft. Cloud level 730 ft. Overcast and misty.
		Humidity	98	100	95					
		Wind Velocity, m. per hr.	W, 27	W, 27	W, 25					
September 6th, 1.54 p.m. to 2.55 p.m.	Glossop Moor, 1,100 ft.	Temperature F.	59°	53°	45°	44°	[44°]			One 9 ft. kite. Wire 7,850 ft. Max. height 6,030 ft. Cloud level about 3,300 ft. Max. wind velocity 58 miles per hour. Max. pull 170 lbs. Canvas split and kite fell.
		Humidity	79	100	100	100	[100]			
		Wind Velocity, m. per hr.	W by N	W by N, 28	W by N, 39	WNW, 43	[NW, 50]			
September 8th, 1.13 p.m. to 2.30 p.m.	Glossop Moor, 1,100 ft.	Temperature F.	57°	52°	43°	40°	[39°]			One 9 ft. kite. Wire 6,200 ft. Max. height 5,910 ft. Cloud level about 5,400 ft. Max. wind velocity 55 miles per hour. Max. pull 160 lbs. Kite dived twice, but recovered.
		Humidity	78	70	85	60	[100]			
		Wind Velocity, m. per hr.	WNW	WNW 25	WNW, 26	WNW, 40	[NW, 51]			
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								

63, Victoria Street, London, S.W. *September 12th, 1906.*

W. N. SHAW, *Director.*

ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE,

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TWENTY-NINTH YEAR. Vol. XXIII. (New Series.) } No. 37. THIRTY-SEVENTH WEEK, ENDING SATURDAY, SEPTEMBER 15TH, 1906.

Price 6d.
Annual Subscription post paid £1 10s. 0d.

SUPPLIED FOR THE PUBLIC SERVICE

I.—GENERAL REMARKS.

Weather, after being fine and bright at the commencement of the week, gradually fell into a very showery and changeable condition over the whole Kingdom. The falls of rain were, however, mostly slight, and there were frequent intervals of sunshine. Thunderstorms were experienced at Swarraton and Dungeness on Saturday, lightning was seen at several other southern stations, and thunder occurred at Holyhead.

Temperature was a little above the average in Scotland, the eastern section of England, and in the Channel Islands, in Ireland and the south-west of England it was slightly below, and in the north-west of England in exact agreement with the normal. The highest of the maxima were generally recorded either on Sunday or about the middle of the week, and ranged from 74° in England S. and the Channel Islands, and 73° in England E. to 67° in Scotland N. and to 66° in Ireland N. The absolute minima, registered at most stations on Tuesday, were much lower than of late. In England S.W. (at Llangammarch Wells) the thermometer fell to 32° and in the Midland Counties to 34°, while in the other districts the readings ranged from 35° in Scotland E., England E., and Ireland N., to 40° in Scotland N., and to 54° in the Channel Islands. Frost was experienced on the ground in many parts of England on Tuesday.

Rainfall exceeded the average over the Kingdom generally, but was rather deficient in Scotland E., England N.E. and Ireland S., and very slightly in the Channel Islands.

Bright Sunshine was above the normal in all districts. It exceeded 50 per cent. of the possible amount over the greater part of the Kingdom, being as much as 59 per cent. in the Channel Islands. The lowest percentage was 39 in Scotland N.

Barometer and Wind.—At the commencement of the week the eastern portion of an anticyclone extended from the Atlantic across Ireland and England. This system moved slowly eastwards across these Islands and the North Sea, and finally became established over Northern Europe, while cyclonic disturbances gradually encroached on our western and north-western districts and small secondary systems made their appearance over England. At the end of the week the barometer had become low and the central area of a rather large depression travelled across Scotland. The light anticyclonic winds that accompanied the high pressure gave place to Southerly to Westerly winds, which sometimes blew with considerable strength on the western and north-western coasts, and reached the force of a gale at some exposed places during the night of Friday. At the end of the period the wind had veered to the North-Westward over all our western districts.

SUMMARY OF TEMPERATURE, RAINFALL, AND DURATION OF BRIGHT SUNSHINE IN THE UNITED KINGDOM, FOR AGRICULTURAL AND SANITARY PURPOSES.

THE WEEK (37th)—September 9th to September 15th, 1906.

DISTRICTS. (See p. 218.)	Temperature. Highest.	Lowest.	Means of Daily Max.	Daily Min.	Daily Mean.	Difference from Av. (35 Yrs.)	Accumulated. Number of Day-Degrees. Above 42°	Difference from Av. (25 Yrs.)	Below 42°	Difference from Av. (25 Yrs.)	Rainfall. Number of Rain-Days.	Diff. from Av. (35 Yrs.)	Total Fall.	Difference from Average (35 Yrs.)	Sunshine. Hours recorded.	Diff. from Av. (25 Yrs.)	Percentage of Possible Duration	Diff. from Av. (25 Yrs.)
	°	°	°	°	°	°	Day-deg.	Day-deg.	Day-deg	Day-deg.			Inches.	Inches.			%	%
0. SCOTLAND, NORTH ..	67	40	59·0	46·2	52·3	+ 0·2	72	0	0	0	6	+ 1	1·46	+0·34	35	+ 11	39	+12
Eastern 1. SCOTLAND, EAST ..	69	35	62·2	45·3	53·3	+ 0·6	79	+ 5	0	0	4	0	0·57	−0·08	35	+ 11	38	+12
Eastern 2. ENGLAND, N.E. ..	71	38	65·1	47·7	56·0	+ 0·7	98†	+ 10	0	0	2†	− 1	0·44†	−0·07	49	+ 18	55	+20
Eastern 3. ENGLAND, EAST ..	73	35	66·6	50·0	57·9	+ 0·8	111	+ 11	0	0	2	− 1	0·52	+0·01	50	+ 16	56	+18
Eastern 4. MIDLAND COUNTIES	72	34	65·7	46·5	55·7	+ 0·1	96	+ 4	0	0	4	+ 1	0·75	+0·19	46	+ 16	52	+18
Eastern 5. ENGLAND, SOUTH ..	74	37	66·4	50·8	58·2	+ 0·5	113	+ 7	0	0	4	+ 1	0·61	+0·04	45	+ 9	51	+10
Western 6. SCOTLAND, WEST ..	69	39	61·9	46·7	53·9	+ 0·1	83	− 2	0	0	4	0	1·27	+0·24	45	+ 16	50	+18
Western 7. ENGLAND, N.W. ..	70	39	62·6	48·9	55·5	0·0	95	− 1	0	0	4	0	0·92	+0·15	46	+ 15	51	+17
Western 8. ENGLAND, S.W. ..	70	32	64·1	49·6	56·5	− 0·2	102	− 3	0	0	5	+ 1	1·11	+0·31	46	+ 11	52	+13
Western 9. IRELAND, NORTH ..	66	35	60·9	47·6	53·9	− 0·3	83	− 6	0	0	5	0	0·99	+0·20	43	+ 17	49	+19
Western 10. IRELAND, SOUTH ..	70	37	62·9	47·6	54·9	− 0·9	90†	− 8	0	0	5	+ 1	0·70	−0·07	49	+ 18	56	+20
11. CHANNEL ISLANDS..	74	54	66·7	57·0	61·6	+ 2·0	137	+ 12	0	0	4	0	0·69	−0·01	52	+ 9	59	+11

THE SEASON (Autumn).—Aggregates, &c., for the Period of 2 Weeks, September 2nd to September 15th, 1906.

0. SCOTLAND NORTH ..	87	40	*	*	*	*	174	+ 24	0	0	12	+ 3	3·03	+0·97	68	+ 18	37	+10
Eastern 1. SCOTLAND, EAST ..	87	35	*	*	*	*	199	+ 41	0	0	8	0	1·02	−0·31	77	+ 27	42	+15
Eastern 2. ENGLAND, N.E. ..	94	38	*	*	*	*	253†	+ 69	0	0	3†	− 4	0·45†	−0·60	100	+ 33	55	+18
Eastern 3. ENGLAND, EAST ..	93	35	*	*	*	*	235	+ 77	0	0	3	− 3	0·72	−0·31	105	+ 32	58	+18
Eastern 4. MIDLAND COUNTIES	96	34	*	*	*	*	258	+ 66	0	0	5	− 2	0·79	−0·36	95	+ 33	52	+18
Eastern 5. ENGLAND, SOUTH ..	92	37	*	*	*	*	277	+ 55	0	0	5	− 1	1·07	−0·07	95	+ 21	52	+11
Western 6. SCOTLAND, WEST ..	89	39	*	*	*	*	203	+ 28	0	0	7	− 1	2·02	−0·04	85	+ 26	47	+14
Western 7. ENGLAND, N.W. ..	90	39	*	*	*	*	231	+ 34	0	0	7	− 1	1·22	−0·34	85	+ 24	47	+13
Western 8. ENGLAND, S.W. ..	88	32	*	*	*	*	250	+ 37	0	0	6	− 1	1·18	−0·42	88	+ 15	49	+ 8
Western 9. IRELAND, NORTH ..	78	35	*	*	*	*	199	+ 17	0	0	10	+ 1	1·34	−0·26	69	+ 15	38	+ 8
Western 10. IRELAND, SOUTH ..	79	37	*	*	*	*	224†	+ 24	0	0	8	0	0·98	−0·59	85	+ 20	47	+11
11. CHANNEL ISLANDS..	82	54	*	*	*	*	288	+ 34	0	0	6	− 2	1·00	−0·36	95	+ 8	53	+ 5

THE YEAR.—Aggregates, &c., for the period of 37 Weeks, December 31st, 1905, to September 15th, 1906.

0. SCOTLAND, NORTH ..	87	8	*	*	*	*	1598	− 47	646	+ 87	185	+27	37·82	+5·94	971	+ 25	28	+ 1
Eastern 1. SCOTLAND, EAST ..	88	11	*	*	*	*	1935	+ 23	624	+ 20	149	+14	22·29	+1·18	1188	+104	34	+ 3
Eastern 2. ENGLAND, N.E. ..	94	18	*	*	*	*	2403†	+302	464	− 22	126†	+ 4	14·79†	−2·16	1348	+139	39	+ 4
Eastern 3. ENGLAND, EAST ..	93	23	*	*	*	*	2651	+214	413	−119	108	−10	14·42	−1·80	1513	+239	44	+ 7
Eastern 4. MIDLAND COUNTIES	96	18	*	*	*	*	2582	+188	486	− 56	121	− 1	15·52	−3·19	1320	+199	39	+ 6
Eastern 5. ENGLAND, SOUTH ..	92	20	*	*	*	*	2675	+ 56	351	− 39	117	− 1	16·64	−1·26	1554	+239	46	+ 7
Western 6. SCOTLAND, WEST ..	89	14	*	*	*	*	2102	+ 76	419	− 2	153	+10	33·21	+1·54	1212	+ 82	35	+ 2
Western 7. ENGLAND, N.W. ..	90	16	*	*	*	*	2321	+ 69	379	− 13	143	+12	24·70	+2·27	1261	+134	37	+ 4
Western 8. ENGLAND, S.W. ..	88	19	*	*	*	*	2526	+ 50	327	+ 31	140	+12	27·12	+2·11	1389	+128	41	+ 4
Western 9. IRELAND, NORTH ..	84	20	*	*	*	*	2096	− 65	355	+ 1	182	+22	26·46	+1·68	1096	+ 58	32	+ 2
Western 10. IRELAND, SOUTH ..	81	24	*	*	*	*	2549†	+ 80	264	0	166	+23	24·69	−2·71	1221	+ 27	36	+ 1
11. CHANNEL ISLANDS..	89	27	*	*	*	*	2855	+ 20	79	− 35	134	0	17·70	−3·22	1593	+ 51	47	+ 2

† Corresponding values for some previous weeks have been altered owing to the receipt of further information.

Bright Sunshine.—For certain of the Districts the values of Bright Sunshine in this Table are based on the records from a part only of the Stations included in the Tables under II. and IV. For certain of the Stations Mean Values are not available, and for the Districts containing these Stations the "Difference from Average" is based on the records from a smaller number of Stations than those supplying the values for "Hours Recorded."

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II.—DATA from which the SUMMARY on page 217 has been calculated.

September 9-15, 1906.

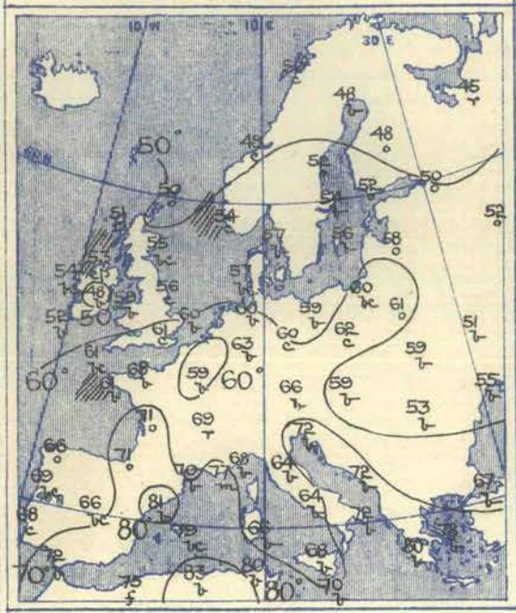
Districts.	Names of Stations.	Temperature. In Degrees Fahrenheit.								Rainfall.			Bright Sunshine.			
		Highest observed.	Lowest observed.	Averages for the Week. Of Highest each day.	Of Lowest each day.	For whole of each day.	Difference of Daily Average from Mean for the Week.	Accumulated Heat for the Week (in Day-degrees). Above 42°	Below 42°	Number of Rain-Days.	Rainfall in the Week.	Difference from the Mean for the Week.	Number of Hours recorded.	Difference from the Mean for the Week.	Percentage of possible duration.	Difference from the Mean for the Week.
		°	°	°	°	°	°	Day-deg	Day-deg		Inches.	Inches.	Hrs.	Hrs.	%	%
0. SCOTLAND, N.	†Sumburgh Head (Deerness)	57	42	54·7	46·7	50·5	− 0·1	60	0	6	1·67	+ 0·90	26·9	+ 1·2	30	+ 1
	Wick	64	44	59·9	47·7	53·5	+ 1·6	81	0	6	1·17	+ 0·56	*	*	*	*
	†Lairg (Strathpeffer)												41·3	+ 14·3	46	+ 16
	Stornoway	61	44	59·3	47·6	53·2	+ 1·5	78	0	6	0·48	− 0·48	39·0	+ 11·9	43	+ 13
	Glencarron	67	40	59·8	44·5	51·8	+ 0·3	69	0	6	1·92	− 0·03	*	*	*	*
	Fort Augustus	65	40	60·6	45·3	52·6	− 0·6	74	0	5	0·92	0·00	33·8	+ 14·4	38	+ 16
	Fort William	63	40	59·7	45·6	52·3	− 1·3	72	0	6	2·57	+ 0·89	*	*	*	*
1. SCOTLAND, E.	Nairn	68	38	62·9	44·9	53·5	+ 0·5	81	0	5	0·75	+ 0·20	46·1	—	51	—
	Aberdeen	62	44	59·9	47·9	53·6	+ 0·6	81	0	5	0·71	+ 0·07	32·5	+ 3·4	36	+ 4
	†Balmoral (Crathes)	62	35	58·9	42·4	50·3	+ 0·7	58	0	3	0·41	− 0·33	32·3	—	36	—
	†Clathick (Balruddery)	69	38	64·3	44·7	54·0	+ 0·5	84	0	4	0·71	− 0·07	33·5	—	37	—
	†Leith (Edinburgh)	69	43	65·0	47·7	55·9	+ 1·1	97	0	3	0·45	− 0·03	35·9	+ 11·4	40	+ 13
	Marchmont	65	37	61·9	44·3	52·7	+ 0·2	75	0	3	0·39	− 0·32	46·5	+ 18·5	52	+ 21
2. ENGLAND, N.E. — Northern part.	†Alnwick Castle (Cockle Park)	70	38	65·4	47·0	55·8	+ 2·2	97	0	3	0·46	− 0·16	51·0	—	57	—
	†Shields (Newcastle)	68	42	64·6	46·0	54·9	+ 0·8	90	0	3	0·29	− 0·20	39·5	+ 15·5	44	+ 17
	Durham	65	40	62·0	46·0	53·6	− 0·5	81	0	2	0·27	− 0·25	49·5	+ 21·4	56	+ 24
	Scarborough	69	46	65·7	49·6	57·3	+ 2·0	107	0	2	0·41	− 0·14	48·5	—	55	—
	York	68	42	64·7	46·8	55·3	− 0·2	93	0	2	0·35	− 0·18	43·3	+ 14·8	49	+ 17
2. ENGLAND, N.E. — Southern part.	†Spurn Head (Saltburn)	66	50	63·9	52·4	57·9	+ 1·2	111	0	2	0·45	+ 0·06	48·8	—	55	—
	†Lincoln (Skegness)	70	38	67·1	46·7	56·4	+ 0·2	101	0	2	0·45	− 0·03	50·0	—	56	—
	†Fulbeck (Rauceby)	71	38	67·0	46·8	56·4	+ 0·2	101	0	3	0·83	+ 0·34	54·0	—	61	—
	(Cromer)												50·7	—	57	—
3. ENGLAND, E. — Northern part.	Hillington	73	39	67·2	46·3	56·3	+ 0·1	100	0	2	0·70	+ 0·12	50·8	+ 17·8	57	+ 20
	†Yarmouth (Lowestoft)	67	48	64·3	53·1	58·4	+ 1·6	115	0	3	0·27	− 0·28	58·8	—	66	—
	Geldeston	73	39	68·2	46·3	56·7	+ 0·1	103	0	2	0·40	− 0·14	50·9	+ 13·9	57	+ 16
	(Dunmow)												50·6	—	57	—
3. ENGLAND, E. — Southern part.	Cambridge	70	36	67·8	46·8	56·8	− 0·3	104	0	2	0·42	− 0·05	49·6	+ 14·1	56	+ 16
	Felixstowe	69	44	66·1	52·7	59·1	+ 2·0	120	0	2	0·74	—	53·5	—	60	—
	Clacton-on-Sea	69	47	65·9	54·0	59·7	+ 1·6	124	0	2	0·53	—	50·9	—	57	—
	Rothamsted	68	35	65·5	46·4	55·5	− 0·2	95	0	3	0·58	+ 0·03	51·9	+ 16·9	58	+ 19
	†Shoeburyness (Southend)	71	45	67·7	52·3	59·6	+ 0·9	123	0	2	0·40	− 0·03	40·5	—	46	—
	London, Westminster	71	46	67·1	52·1	59·2	+ 1·0	120	0	3	0·63	+ 0·15	43·8	+ 15·3	49	+ 17
4. MIDLAND COUNTIES. — Eastern part.	Harrogate	65	43	62·5	46·4	54·1	+ 0·1	85	0	2	0·53	− 0·04	45·7	—	51	—
	†Bawtry (Worksop)	70	34	67·1	46·1	56·1	+ 0·7	99	0	2	0·55	+ 0·08	45·5	+ 17·4	51	+ 20
	Nottingham	72	38	67·6	45·0	55·8	0·0	97	0	4	0·81	+ 0·30	46·1	—	52	—
	†Colly Weston (Oundle)	71	38	68·3	46·7	57·0	+ 0·7	105	0	3	0·75	+ 0·22				
	Birmingham, Edgbaston	68	44	64·4	48·3	56·0	+ 0·4	98	0	4	0·75	+ 0·19	42·3	—	48	—
	Oxford	69	40	67·3	48·9	57·7	+ 1·2	110	0	4	0·86	+ 0·37	49·5	+ 14·9	56	+ 17
4. MIDLAND COUNTIES. — Western part.	†Cheadle (Sheffield)	64	43	62·9	45·9	54·0	− 0·2	84	0	5	1·15	+ 0·48	46·1	—	52	—
	Shrewsbury	69	35	65·9	44·3	54·6	− 1·9	88	0	3	0·55	—	*	*	*	*
	Hereford	68	37	64·7	45·7	54·7	− 0·9	89	0	5	0·96	+ 0·41	*	*	*	*
	Cirencester	68	40	65·2	46·7	55·5	+ 0·4	95	0	4	0·63	− 0·01	47·4	+ 14·3	53	+ 16
	Bath	69	41	66·6	47·9	56·8	+ 0·2	104	0	4	0·72	+ 0·07	47·9	—	54	—
	(Margate)												47·3	+ 11·7	53	+ 13
5. ENGLAND, S.	Kew	70	42	67·1	48·8	57·5	+ 0·3	109	0	4	0·66	+ 0·18	48·0	+ 14·4	54	+ 16
	Wisley, Surrey	69	37	66·4	48·1	56·8	− 1·4	104	0	4	0·69	—	45·9	—	52	—
	†Swarraton (Ventnor)	68	38	65·4	46·3	55·4	− 0·1	94	0	5	0·86	+ 0·25	44·9	+ 4·4	50	+ 5
	Tunbridge Wells	69	42	66·5	48·5	57·1	+ 0·5	106	0	3	0·50	− 0·07	46·9	+ 9·5	53	+ 11
	†Dungeness (Littlestone)	68	45	66·4	53·4	59·6	+ 1·1	123	0	3	0·56	+ 0·02	43·9	—	49	—
	Hastings	68	48	66·3	52·3	59·0	+ 0·6	119	0	3	0·54	− 0·09	42·9	+ 3·0	48	+ 3
	Southampton	74	44	68·5	50·9	59·3	+ 0·9	121	0	3	0·76	+ 0·16	45·4	+ 7·3	51	+ 8
	†Portland Bill (Worthing)	68	52	64·3	57·9	61·0	+ 2·1	133	0	4	0·27	—	45·7	—	51	—
	(Eastbourne)												46·2	+ 6·3	52	+ 7
6. SCOTLAND, W.	†Laudale, (Oban)	63	47	59·8	48·6	53·9	+ 0·1	83	0	4	2·62	+ 0·97	42·1	—	47	—
	Glasgow	64	42	59·6	47·6	53·3	+ 0·2	79	0	4	1·16	+ 0·26	39·2	+ 15·0	44	+ 17
	Dumfries	69	40	64·9	45·9	54·9	+ 0·5	90	0	4	0·57	− 0·21	*	*	*	*
	Cally	65	40	64·1	44·1	53·6	+ 0·5	81	0	5	0·91	− 0·05	*	*	*	*
	Douglas, Isle of Man	63	39	61·0	47·1	53·7	− 0·7	82	0	5	1·09	+ 0·22	51·3	+ 17·2	58	+ 19
7. ENGLAND, N.W.	Aspatria	65	41	62·1	47·8	54·6	+ 0·8	88	0	4	1·41	+ 0·48	50·2	—	56	—
	Newton Rigg	63	39	61·0	44·9	52·6	− 0·1	74	0	4	0·97	+ 0·20	46·0	+ 16·6	52	+ 19
	Stonyhurst	65	42	61·0	47·2	53·8	− 0·6	83	0	4	0·77	− 0·29	42·0	+ 12·0	47	+ 14
	Blackpool	67	45	62·5	50·7	56·3	+ 0·7	100	0	4	0·77	− 0·03	46·8	+ 16·3	53	+ 18
	Manchester, Prestwich	68	40	63·9	46·6	54·8	0·0	90	0	4	0·96	+ 0·11	39·6	+ 13·2	45	+ 15
	†Liverpool Obs. (Hoylake)	67	46	62·6	51·1	56·6	+ 0·4	102	0	4	1·15	+ 0·47				
	†Hawarden Bridge (Southport)	70	48	64·7	50·3	57·2	+ 0·5	106	0	4	0·87	+ 0·34	44·4	—	50	—
NORTH WALES	Llandudno	68	47	63·5	52·2	57·6	+ 0·6	109	0	4	0·46	− 0·19	48·2	+ 17·1	54	+ 19
	†Holyhead (Aberdovey)	64	49	61·3	52·9	56·9	+ 0·3	104	0	5	0·89	+ 0·21	47·0	—	53	—
	Bettws-y-Coed	67	40	63·4	45·6	54·1	− 2·5	85	0	4	0·91	—	44·7	—	50	—
8. SOUTH WALES	Llangammarch Wells	65	32	62·7	42·3	52·0	− 2·6	70	0	5	1·44	—	41·1	—	46	—
	Pembroke	63	50	61·3	53·3	57·1	+ 0·3	106	0	5	0·96	+ 0·23	51·1	+ 15·7	57	+ 18
	†Cardiff (Aberystwyth)	68	39	65·7	48·3	56·6	− 0·4	102	0	5	0·89	− 0·03	44·5	—	50	—
8. ENGLAND, S.W.	†Clifton (Torquay)	69	47	65·5	52·2	58·5	+ 0·8	116	0	5	0·77	+ 0·06	46·0	+ 7·6	52	+ 9
	†Shaftesbury (Marlborough)												39·8	+ 8·7	45	+ 10
	†Arlington (Newquay)	65	42	62·3	49·1	55·4	0·0	94	0	5	1·54	+ 0·45	50·5	+ 13·0	57	+ 15
	Cullompton	70	40	66·9	45·8	55·9	− 1·2	97	0	5	1·22	+ 0·56	45·6	+ 11·6	51	+ 13
	Plymouth	69	47	65·1	53·2	58·9	+ 1·1	118	0	5	0·90	+ 0·17	44·0	+ 6·9	49	+ 8
	Falmouth	67	50	63·5	52·8	57·9	+ 0·4	111	0	5	1·14	+ 0·28	47·9	+ 9·4	54	+ 11
9. IRELAND, N. — Western part.	Malin Head	63	49	59·0	51·3	55·0	+ 0·2	91	0	4	0·75	+ 0·05	*	*	*	*
	Edenfel	64	38	60·3	45·6	52·6	− 0·3	74	0	5	1·54	+ 0·71	*	*	*	*
	Blacksod Point	63	45	60·9	48·9	54·6	− 1·0	88	0	5	0·98	0·00	*	*	*	*
	Markree Castle	65	35	61·9	44·4	52·7	− 0·9	75	0	6	1·28	+ 0·40	42·8	+ 17·1	48	+ 19
9. IRELAND, N. — Eastern part.	Armagh	65	43	62·0	47·1	54·2	+ 0·5	85	0	4	0·67	0·00	43·6	+ 16·3	49	+ 18
	Donaghadee	66	45	61·3	48·1	54·4	− 0·3	87	0	5	0·72	+ 0·05	*	*	*	*
10. IRELAND, S. — Eastern part.	†Dublin, City (Phœnix Park)	70	44	63·3	48·9	55·8	− 0·1	97	0	4	0·38	− 0·16	51·8	+ 18·0	58	+ 20
	Kilkenny	67	37	64·0	44·3	53·7	− 1·5	82	0	5	0·44	− 0·20	*	*	*	*
	Waterford	67	41	65·3	48·9	56·7	+ 1·0	103	0	5	0·48	− 0·27	*	*	*	*
10. IRELAND, S. — Western part.	Birr Castle	68	38	63·6	43·7	53·2	− 1·4	78	0	5	0·72	+ 0·06	51·8	+ 21·8	58	+ 25
	Foynes	63	43	58·3	47·7	52·8	− 2·8	76	0	5	0·99	+ 0·27	*	*	*	*
	Killarney	70	41	65·6	47·9	56·3	+ 0·2	100	0	5	0·81	− 0·12	*	*	*	*
	Valencia	65	44	61·3	48·7	54·7	− 2·1	89	0	6	1·19	+ 0·14	43·6	+ 12·9	49	+ 15
	†Roches Point (Ballinacurra)	64	46	61·9	50·6	56·0	− 0·8	98	0	5	0·58	− 0·25	50·2	—	56	—
11. ENGLISH CHANNEL	Scilly, St. Mary's	65	56	63·4	57·3	60·2	+ 1·5	127	0	5	0·89	+ 0·19	49·0	+ 8·5	56	+ 10
	†Jersey, St. Aubins (St. Heliers)	74	55	68·6	56·9	62·5	+ 2·0	144	0	3	0·43	− 0·24	46·1	+ 2·4	52	+ 3
	Guernsey	72	54	68·0	56·8	62·1	+ 2·5	141	0	3	0·75	+ 0·02	59·6	+ 17·3	68	+ 20

Information for Stations marked 𝔐 is supplied by the Royal Meteorological Society, and that for Stations marked 𝔖 is supplied by the Scottish Meteorological Society.
* An Asterisk is inserted in all places for which the information is not usually given.
† There is no Sunshine Recorder in use at this Station. The figures entered for Sunshine are those recorded at a Station in the same district of which the name is given in brackets.

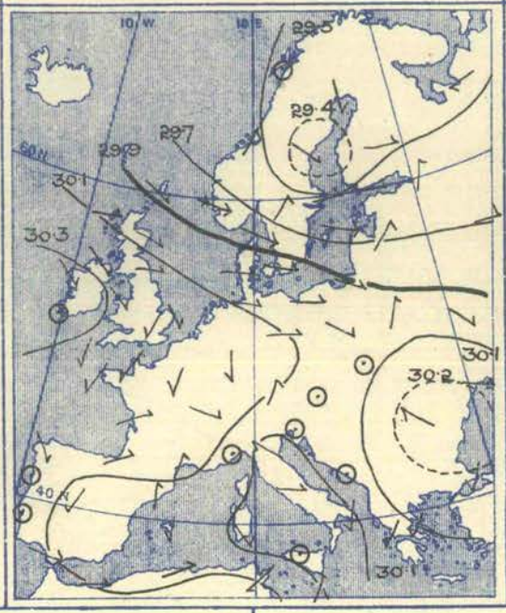
Additional Sunshine Totals for the week: Ramsgate, 49·2 hrs., 55 %; Brighton, 39·8 hrs. (+ 0·3), 45 % (0 %); Bournemouth, 46·2 hrs., 52 %; Bognor, 44·7 hrs., 50 %; Rhyl, 49·3 hrs., 55 %; Tenby, 50·0 hrs. (+ 13·6), 56 % (+ 15 %).

Sunday, 9th September, 1906.

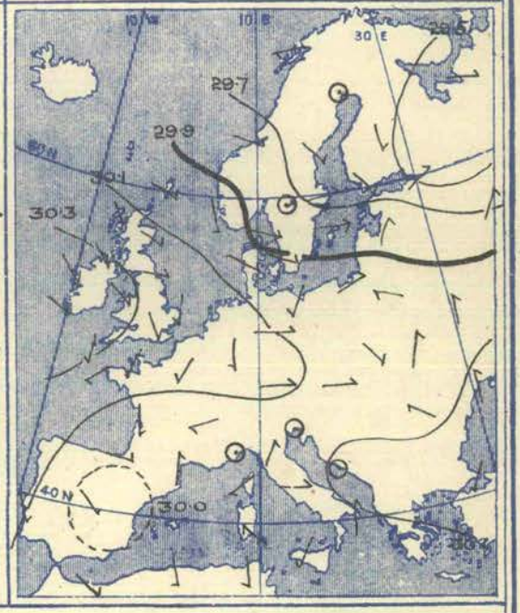
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fair or fine over our area as a whole, but cloudy or overcast in the south-west of France and north of Spain, as well as at many stations in the north-east of our area, and rainy at Archangel. Rain falling subsequently in various parts of Scotland, central and northern Europe, and thunderstorms occurring at a few French stations. Amounts small as a rule, but 0·5 in. measured at Vienna and 0·7 in. at Fanö.

TEMPERATURE fallen generally, risen in the far north. Readings in morning above 70° in several Mediterranean localities and as high as 80° at Patras and La Calle and 83° at Algiers. Below 60° over our area as a whole, and below 50° at Wick and at some places in the extreme north of the Continent. Rising later to 97° at Aumale, 95° at Algiers, 92° at Gap and Lyons, and to much above 70° over the southern half of Europe generally. Highest values in our Islands, 74° at Jersey and 73° at Bournemouth.

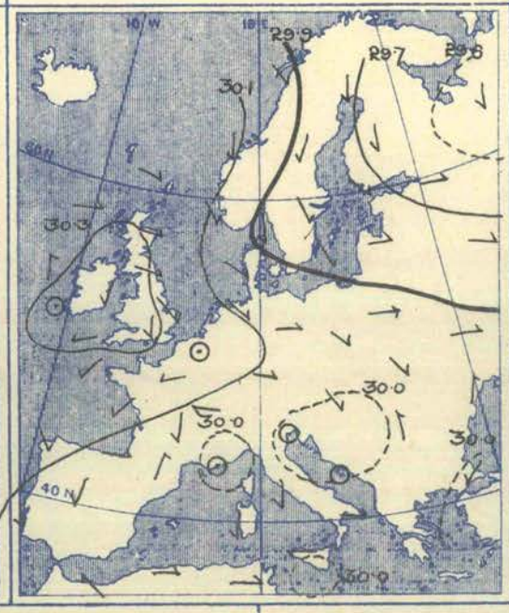
WIND in morning showing an extensive cyclonic circulation over the north of Europe, the Westerly current blowing a gale both at Skudesnaes and Wisby. A feeble cyclonic movement also prevailing over the west of France. Light anticyclonic airs general elsewhere. No great change as a whole later; gales subsiding in Scandinavia.

BAROMETER at 8 a.m. above 30·3 ins. in an anticyclone extending from the Atlantic across Ireland, and above 30·2 ins. in a separate system over the south-east of Europe. Below 30·1 ins. in a shallow depression over the west of France and less than 29·4 ins. in a large disturbance having its centre near Hernösand. French depression apparently moving southwards during day and that over Scandinavia travelling eastwards to the north of Russia. Western anticyclone extending further eastwards over the United Kingdom.

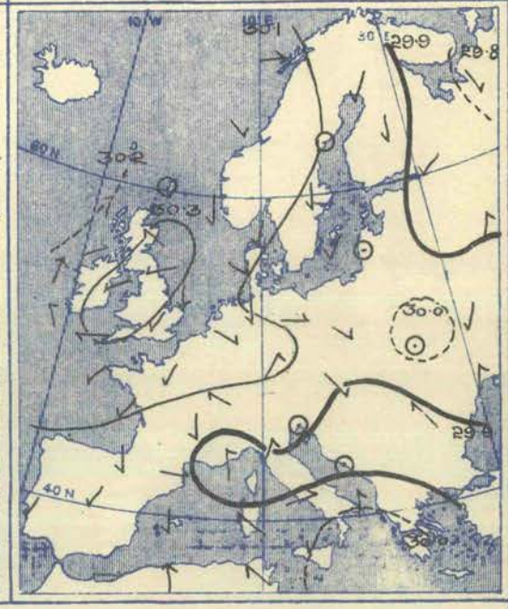
Monday, 10th September, 1906.

Temperature and Weather 8 a.m.

Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. dull in some parts of the far north and north-east, with rain at Bodö; very fine over our area generally, but foggy at Corunna and at a few stations in central Europe. Rain later in scattered parts of the Continent, with thunderstorms in some French and Italian localities. Measurements small as a whole, but 0·6 in. at Pesaro and as much as 2·3 ins. at Trieste.

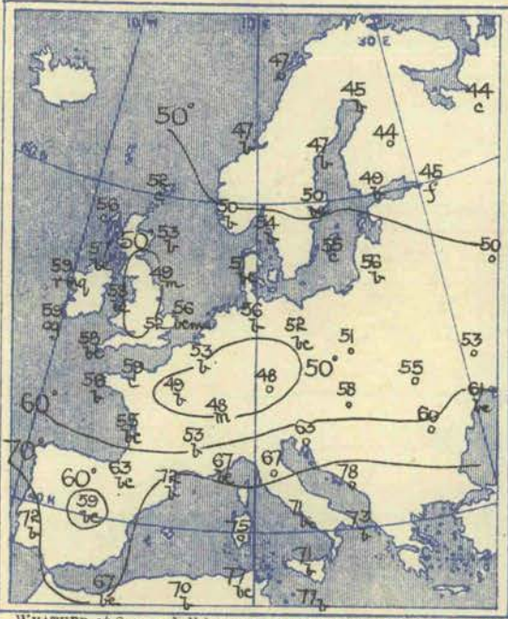
TEMPERATURE in morning lower than twenty-hours previously at nearly all stations. Readings ranging from 31° at La Calle and above 70° in some other southern regions to below 50° in the Shetlands and the extreme north of the Continent and to 41° at Ulcaborg and Archangel. Maxima during day, 95° at Tunis, nearly as high as 90° at various other southern stations, and above 70° over the central countries. Thermometer failing to touch 70° in the south of England and remaining below 60° on our north-east coast.

WIND at 8 a.m. showing an anticyclonic circulation over these Islands and their neighbourhood and partial or complete cyclonic circulations of little strength elsewhere. Scarcely any change of importance during day; South-Westerly and Southerly current encroaching on our western coasts.

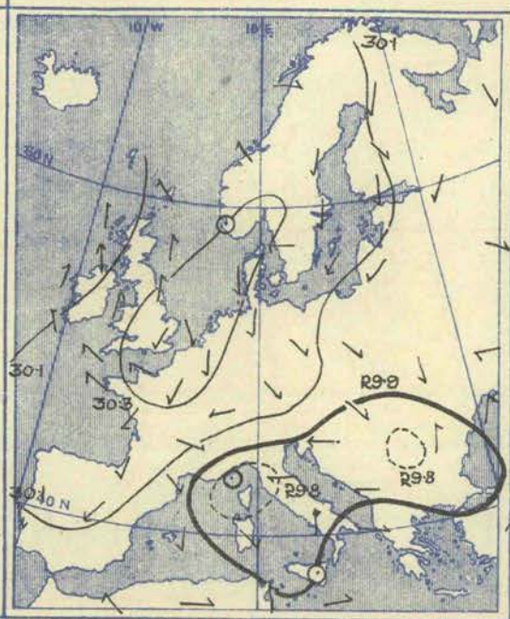
BAROMETER in morning highest, 30·3 ins. and upwards in the central space of a high pressure system covering Ireland and the greater portion of Britain. Lowest, 29·6 ins. and less, in a depression over the north of Russia. Relatively low in shallow depressions over the south of Europe. Anticyclone moving very slowly eastwards during day but no modification occurring in the general distribution of pressure. Russian disturbance travelling away eastwards.

Tuesday, 11th September, 1906.

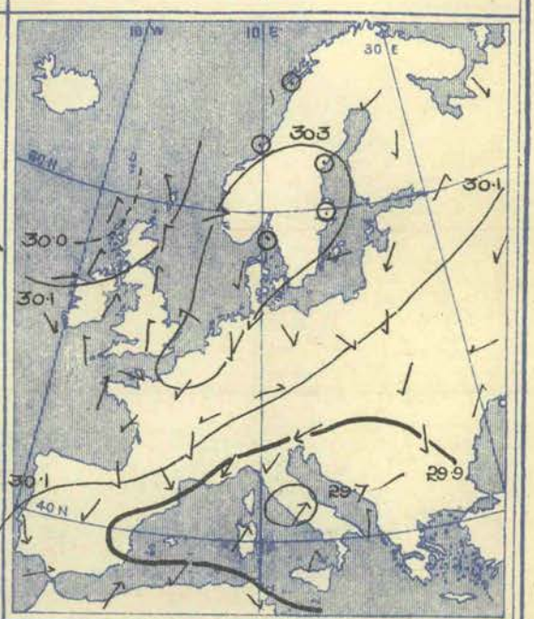
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. dull in many parts of central Europe, over the northern half of Italy, and on the west coast of Ireland; rain falling at Pesaro and Leghorn. Fine and bright in almost all other regions, but foggy at Nottingham and St. Petersburg. Rain in the west and north of our Islands—heavy in Ireland and the north-east of Scotland—and also over Italy and Austria-Hungary; as much as 1·5 in. at Pesaro and 2·1 ins. at Rome.

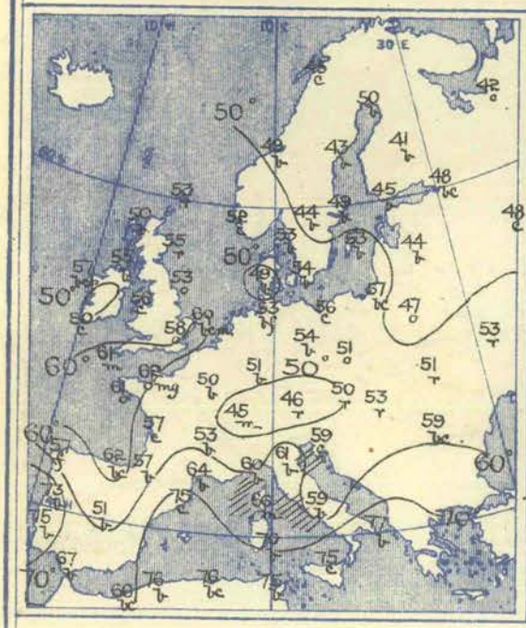
TEMPERATURE risen in Ireland, Scotland, and Portugal, fallen generally. Readings in morning as low as 43° at Uleaborg and below 50° in the north as a whole, as well as at some French and English stations. Increasing to 70° or above in most extreme southern localities, and to 80° at Barcelona and Palma. Maxima during day, 95° at Tunis, 91° at Palermo, and above 80° at many other southern stations. Thermometer remaining below 70° in Germany and Austria, but just touching that point at Nottingham and rising to 68° at Nairn and Strathpeffer.

WIND in morning showing an anticyclonic circulation over our Islands and the north-western countries of the Continent and a cyclonic circulation over the southern regions. Light or moderate in force generally, but Easterly current blowing strongly at Trieste and Madrid, and Southerly breeze fresh or strong on some parts of our own Atlantic seaboard. Wind veering to West or North-West later on the west coast of Ireland. No great change as a whole, but some increase in force taking place over Italy and the Mediterranean.

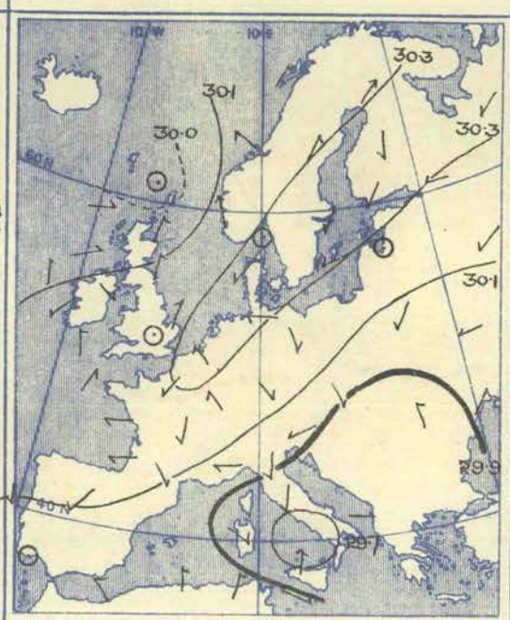
BAROMETER in morning ranging from above 30·3 ins. in a large high pressure system having its central space over England, the north of France, the Netherlands, the North Sea, and the south of Scandinavia, to less than 30·0 ins. off the west of the United Kingdom, and to below 29·8 ins. in a large, elongated depression having its minimum over the Gulf of Genoa and Corsica. Anticyclone extending north-eastwards and moving slowly eastwards during day; southern depression moving south-eastwards and becoming deeper. A large, but apparently shallow, depression appearing off our most north-western coasts, and a shallow secondary over the St. George's Channel.

Wednesday, 12th September, 1906.

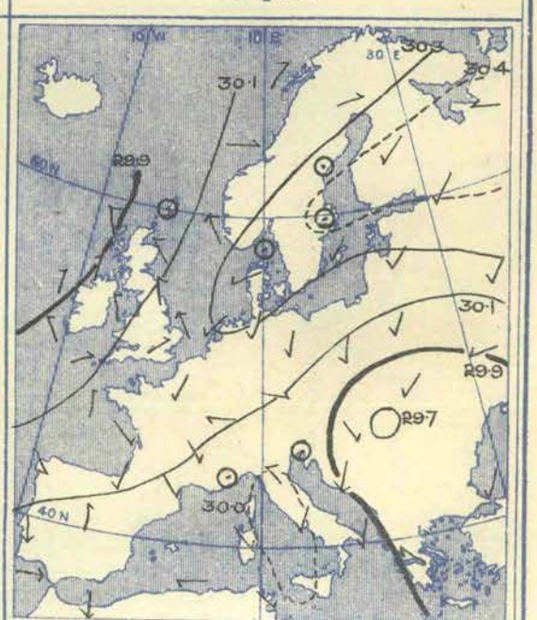
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. cloudy or dull over the greater part of our Islands, South Germany, and Austria-Hungary, with rain or passing showers in several places and fog at Pembroke. Fine and bright in most other localities, but foggy at Corunna and Brussels and a thunderstorm prevailing at Naples. Slight showers falling later in various British and Irish regions and heavy rain at some Polish and Hungarian stations.

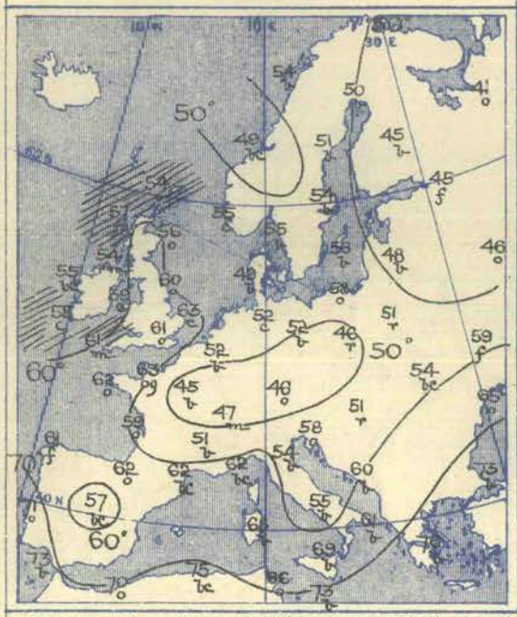
TEMPERATURE risen over Great Britain, Norway, and the west of France, fallen generally elsewhere. Readings in morning above 70° at several stations in the extreme south and as high as 77° at Brindisi and Sfax. Below 50° in different parts of inland France, Ireland and Belgium, as well as in Bavaria and northern Europe. Lowest value, 37° at Uleaborg. Maxima during day, 72° at Nottingham and 70° at Margate; above 70° very generally in the south of Europe, above 80° in places, and as high as 87° and 88° respectively at Brindisi and Barcelona. Thermometer remaining below 60° over Austria and Poland.

WIND in morning mainly Southerly to Westerly over the United Kingdom and of little force. A complete cyclonic circulation of moderate to fresh breezes prevailing over Italy and its neighbourhood, and moderate Easterly or North-Easterly breezes over the major portion of northern Europe. Wind becoming more generally Southerly over our Islands by evening and Northerly over Italy.

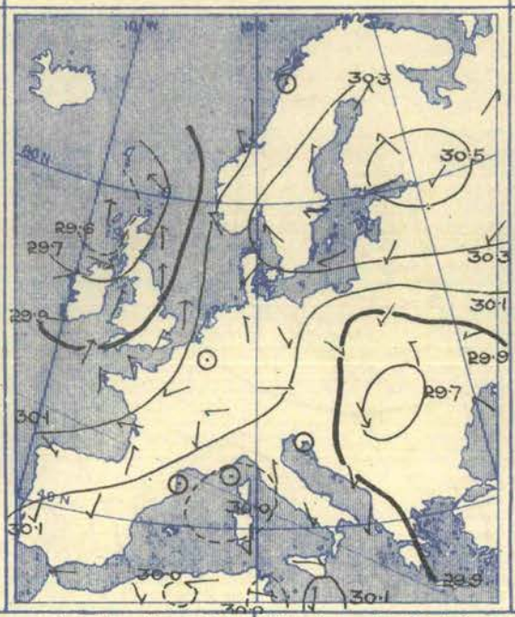
BAROMETER at 8 a.m. ranging from above 30·3 ins. in an elongated high pressure system extending from the north-east of France to the White Sea, to below 30·0 ins. in a depression off the north of Scotland, and to less than 29·7 ins. in a disturbance over the Tyrrhenian Sea and the south of Italy. A shallow ill-defined secondary system over the south-west of England and its vicinity. Latter moving eastwards during day and a fresh fall of the barometer setting in along our western coasts. Italian depression travelling north-eastwards to the south of Hungary.

Thursday, 13th September, 1906.

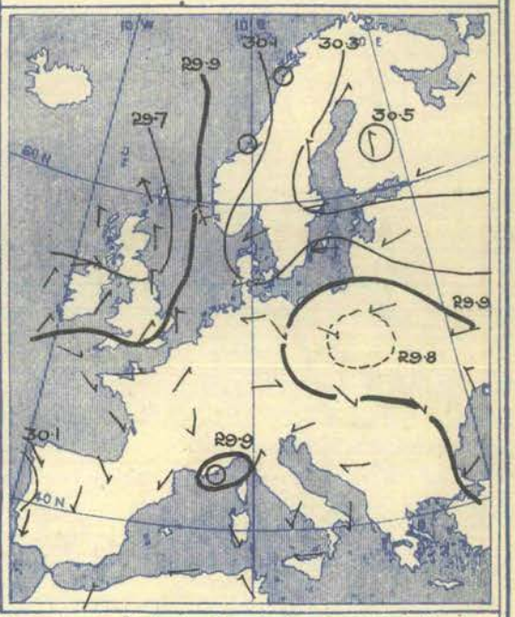
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine and bright in most parts both of southern and northern Europe, but rainy at Leghorn and foggy at St. Petersburg and Hangö. Cloudy or overcast over the major portion of these Islands and central Europe, with rain at Stornoway and at Birr Castle and at some German and Hungarian stations. Considerable amounts of rain experienced later in the United Kingdom and the central regions of the Continent, as well as at Pesaro.

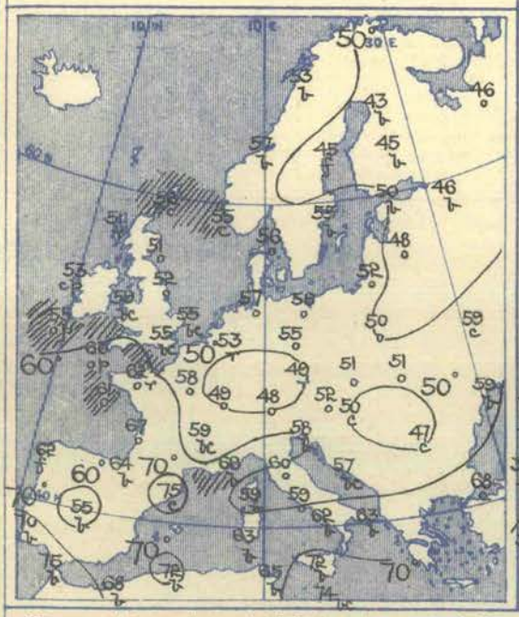
TEMPERATURE risen over our Islands, Scandinavia, and Finland, changed irregularly elsewhere. Readings in morning above 70° at Barcelona and some other Mediterranean stations, below 50° in various parts of France, central, and northern Europe, and as low as 41° at Uleaborg and Archangel. Rising subsequently to 88° at Constantinople and San Fernando, 86° at Tunis, and to about 80° at several more southern stations. Highest values in our Islands, 70° at Margate and Jersey and 69° at Oxford. Thermometer only rising to 57° at Vienna and 52° at Breslau.

WIND in morning Westerly on the west coast of Ireland and Southerly to South-Easterly over our Islands as a whole. A cyclonic circulation prevailing over the eastern portion of central Europe and an anticyclonic movement in the north. Moderate in force generally, but fresh or strong breezes blowing in a few parts of these Islands, Germany, and Austria. Wind backing later on the west coast of Ireland, but veering over this country generally and decreasing somewhat in force. Increasing in force from the Eastward on the shores of the Baltic and to a fresh gale from South-South-East on the south-west coast of Norway.

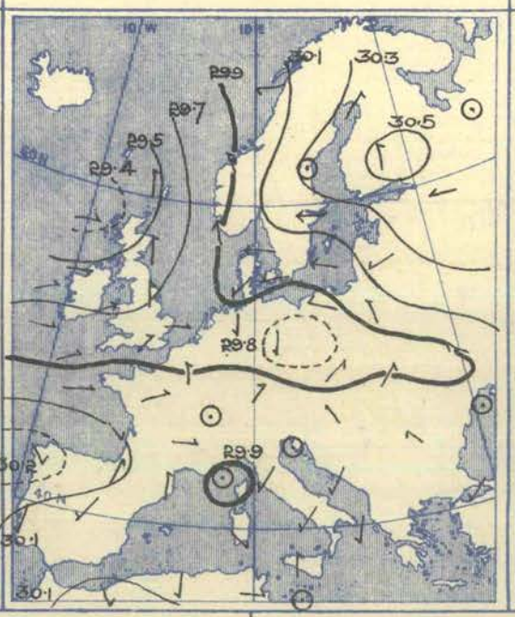
BAROMETER in morning highest, 30·5 ins. and above, in an anticyclone over Finland and the north of Russia, and relatively high in a band extending thence to the north of Spain. Below 29·7 ins. in a depression over the south of Hungary and below 29·6 ins. in another system over our most north-western coasts. Shallow ill defined secondaries shown over the west of our Islands. Continental disturbance moving northwards during day and that over our north-west coasts travelling North-Eastwards. Small secondaries moving across England.

Friday, 14th September, 1906.

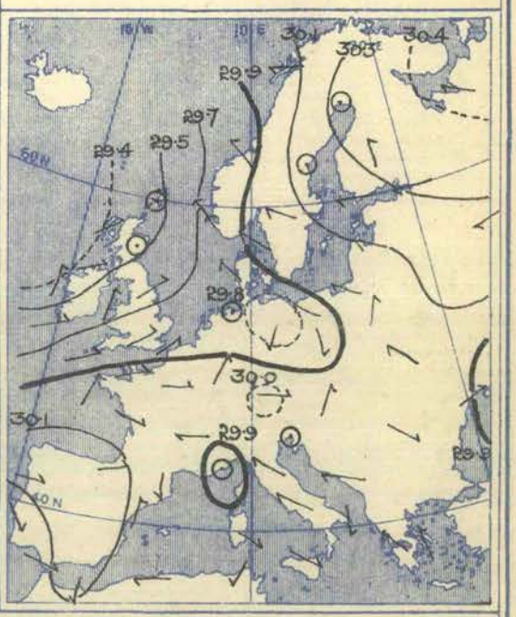
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine and bright in various parts of these Islands and in most of the northern and southern regions of the Continent; cloudy or overcast elsewhere, with rain in the Low Countries and at Stornoway and showers on our extreme west and south-west coasts. Foggy at Corunna. Rain or passing showers experienced later over these Islands, with thunder at Aberdeen. Rain in various quantities falling in Norway, the north of France, and the south of Russia.

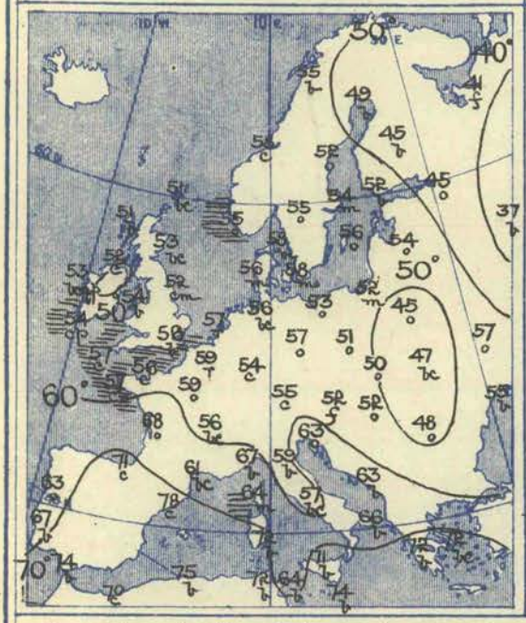
TEMPERATURE fallen over this country, changed irregularly as a whole. Readings in morning as low as 43° at Uleaborg and below 50° in most other parts of northern Europe and also at some central stations. Above 70° at a few places in the far south and as high as 75° at Barcelona and San Fernando. Maxima during day above 65° in several parts of this country and as high as 69° at Lowestoft. Thermometer rising to above 70° over southern Europe, and to above 80° in places. Highest values, 87° at Perpignan and 91° at Brindisi.

WIND in morning light to moderate or fresh from between South and West over the United Kingdom and strong to a gale from South-South-East at Skudesnaes. A complete cyclonic circulation shown over Germany and its neighbourhood, the Easterly current blowing very strongly over the Baltic. Light anticyclonic airs prevailing in the extreme north-east and south-west of our area. Wind backing later in day over the United Kingdom and increasing somewhat in force. Increasing to a gale from South South-East at Skudesnaes. Little change over Europe as a whole.

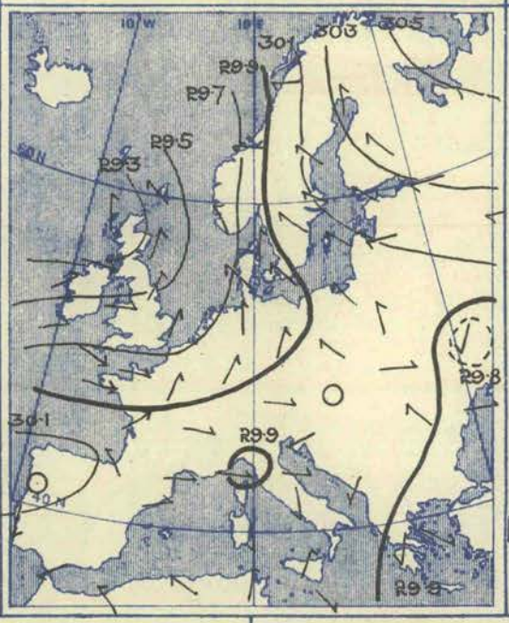
BAROMETER at 8 a.m. ranging from above 30·5 ins. in an anticyclone over Finland and from above 30·2 ins. in another system over the north-west of Spain to less than 29·9 ins. in a small disturbance over the Gulf of Genoa, below 29·8 ins. in another depression centred over Germany, and to below 29·4 ins. in a third off the north-west coast of Scotland. A fresh and rather decided fall of the mercury setting in by evening on our most western coasts and extending during night to the whole of our Islands and the North Sea. Anticyclone over Finland receding eastwards.

Saturday, 15th September, 1906.

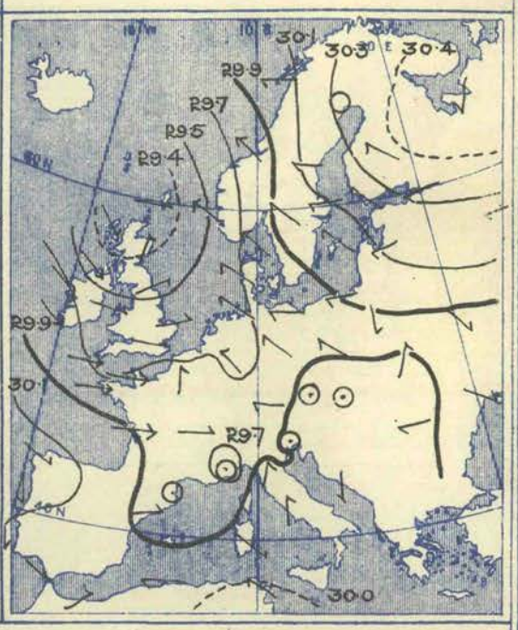
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER in morning fair or fine in most places, but rainy or showery in some parts of our Islands and in the nearer regions of the Continent, and foggy at Prague and Vienna. Rain falling later in most parts of the United Kingdom, with thunder at Holyhead and a thunderstorm at Dungeness and Swarraton. Considerable amounts of rain experienced in France and the Low Countries, and large quantities in Denmark and the south of Norway; as much as 1·2 in. at Fanö and 2·2 ins. at Skudesnaes.

TEMPERATURE risen in some central and northern parts of the Continent, fallen generally elsewhere. Readings in morning as high as 73° at Barcelona and above 70° at a few other stations in the extreme south. Below 55° in many parts of these Islands and northern Europe, as well as in Poland, below 50° in places, and as low as 37° at Moscow. Maxima below 60° in the west and north-west of our Islands, and below 65° over this country generally. Thermometer rising to 80° or above at several stations in the far south, to 88° at Barcelona and Oran, and to 93° at Sfax.

WIND in morning Westerly in England, Southerly over Scotland and the North Sea, and South-Westerly on the west coast of Ireland. Fresh to strong in force on several parts of our coasts. Strong Northerly breezes prevailing at some Mediterranean districts and light to moderate South-Easterly winds over Scandinavia. Veering to the North Westward later on our western coasts and increasing to a fresh gale at Malin Head. South-Easterly current increasing considerably in strength over Scandinavia.

BAROMETER in morning ranging from above 30·4 ins. over the north of Russia, and above 30·1 ins. over the north of Spain, to below 29·3 ins. in a depression over Scotland and the adjacent portion of the Atlantic. Below 29·9 ins. in a depression over the Gulf of Genoa and less than 29·8 ins. in another system over Little Russia. A secondary depression moving eastwards over England during day and at the same time increasing in depth. Scotch disturbance moving eastwards and becoming less deep. Gradients growing steeper on our west and north-west coasts.

IV.—TEMPERATURE on the Grass, and in the Ground.

	STATION.	Grass Min. No. of Obs. of 30° or less.	Grass Min. Lowest reading.	Mean Earth Temp. At 1 foot.	Mean Earth Temp. At 4 feet.
			°	°	°
2.	York	—	—	58·7	58·1
	Hull	0	32	57·3	58·4
3.	Cambridge	1	29	—	—
	Dunmow	0	32	—	—
4.	Harrogate	0	38	55·8	56·1
	Sheffield	0	36	58·2	57·4
	Birmingham	0	35	57·0	56·0
	Nottingham	1	28	58·6	61·0
5.	Kew	1	30	61·1	59·9
	Canterbury	0	38	63·8	62·8
	Portsmouth	0	42	62·6	62·6
6.	Glasgow	0	34	—	—
7.	Newton Rigg	0	32	58·1	57·0
	Bettws-y-Coed	0	40	55·4	55·9
	Manchester (Oldham Road)	0	38	59·2	60·2
8.	Llangammarch Wells	—	—	57·7	57·1
	Bath	—	—	62·2	62·4
	Plymouth	0	41	61·8	—
9.	Armagh	0	38	59·1	58·5
	Markree	0	33	—	—
10.	Dublin, Trin. Coll.	0	37	59·3	58·8
11.	Guernsey, Brooklyn	0	45	63·2	62·7

V.—OBSERVATIONS IN THE UPPER AIR.—Temperature, Humidity and Wind Velocity.

Date of Observation.	Station and its Height above M.S.L.		Heights in feet above Mean Sea Level. Ground Level.	1,660.	3,320	5,000.	6,660.	8,320.	10,000.	Remarks
1906.										
September 13th, 3.30 p.m. to 5.50 p.m.	Oxshott, 200 ft.	Temperature F.	66°	56°	49°	43°				One 9 ft. kite. 7,000 ft. wire. Max. height 5,200 ft. Cloud level at 2,600 ft. with inversion, 3°F. just above. Heavy rain set in at 4.50 p.m.
		Humidity	60%	70%	70%	90%				
		Wind Velocity, m. per hr.	10, S	30, S	40, SW	57, SW				
September 15th, 10.0 a.m. to 11.50 a.m.	Oxshott, 200 ft.	Temperature F.	58°	51°	43°					One 9 ft. kite. 5,000 ft. wire. Light and uncertain wind. Convection currents very obvious. Detached clouds. Showers in the afternoon.
		Humidity	70%	80%	90%					
		Wind Velocity, m. per hr.	8, W	WNW, 25	WNW, 25					
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								
September 15th, 10.0 a.m. to 11.30 a.m.	Brighton, 380 ft.	Temperature F.	58°	51°						One 7 ft. kite. 4,100 ft. wire. Anemometer here failed. Overcast to clear.
		Humidity	66%	70%						
		Wind Velocity, m. per hr.	WNW 25	W by N						
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								

63, Victoria Street, London, S.W. *September 19th, 1906.* W. N. SHAW, *Director.*

ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE,

AND PUBLISHED FOR H.M. STATIONERY OFFICE BY WYMAN AND SONS, LTD., FETTER LANE, E.C., AND 32, ABINGDON STREET, WESTMINSTER, S.W.; OR OLIVER AND BOYD, EDINBURGH; OR E. PONSONBY, 116, GRAFTON STREET, DUBLIN.

TWENTY-NINTH YEAR. Vol. XXIII. (New Series.) No. 38. THIRTY-EIGHTH WEEK, ENDING SATURDAY, SEPTEMBER 22ND, 1906. [Price 6d. Annual Subscription post paid £1 10s. 0d.

I.—GENERAL REMARKS.

Weather was dry and fine over the Kingdom generally, but showers were of frequent occurrence over the east and south-east of England and also at some places in the Midlands. Aurora was observed at Nairn on the night of the 16th and in many parts of Scotland and at Morpeth on the night of Saturday.

Temperature was above the average in most districts, but below it in England S., S.W. and N.W., the greatest divergence from the normal was + 1·8° in Scotland N. and Ireland N. The highest of the maxima were recorded on somewhat irregular dates. In Ireland S. and Scotland N. the thermometer rose to 73° and 72° respectively, while elsewhere the readings ranged from 71° in Scotland W. to 66° in England N.E., the Midland Counties, and England S.W. The lowest of the minima were recorded generally during the earlier days of the week, and varied from 31° in Scotland E. (at Balmoral), 33° in Scotland N., and 34° in England N.W. to 43° in England S. and to 51° in the Channel Islands.

Rainfall was very slight over the Kingdom as a whole; at many western and north-western stations the period was rainless. In England E., however, the fall exceeded the normal.

Bright Sunshine was in excess of the average in Ireland, Scotland, and the western districts of England, but deficient over all the midland, eastern and south-eastern counties of England. The percentage of the possible duration ranged from 59 in the Channel Islands and 57 in England S.W. to 27 in England N.E. and to 23 in the Midland Counties.

Barometer and Wind.—At the beginning of the week a depression had arrived over the south-east of the North Sea from a North-Westerly direction and the North-Westerly winds over our Islands blew rather briskly. By Monday morning this system had moved South-Westwards and at 8 a.m. lay off our south-eastern coasts, causing the wind to increase greatly in force from between North-East and North-West in that region. The south-east of England was also affected by ill-defined secondary disturbances later in the week, but as a whole the distribution of pressure was anticyclonic over the United Kingdom and the Northerly and North-Easterly wind was of little force. Later in the week the central space of the anticyclone was more directly over our western and northern districts, and the wind in Ireland and Scotland became very variable in direction.

SUMMARY OF TEMPERATURE, RAINFALL, AND DURATION OF BRIGHT SUNSHINE IN THE UNITED KINGDOM, FOR AGRICULTURAL AND SANITARY PURPOSES.

THE WEEK (38th)—September 16th to September 22nd, 1906.

DISTRICTS. (See p. 224.)	Temperature. Highest.	Lowest.	Means of Daily Max.	Daily Min.	Daily Mean.	Difference from Av. (35 Yrs.)	Accumulated. Number of Day-Degrees. Above 42°	Difference from Av. (25 Yrs.)	Below 42°	Difference from Av. (25 Yrs.)	Rainfall. Number of Rain-Days.	Diff. from Av. (35 Yrs.)	Total Fall.	Difference from Average (35 Yrs.)	Sunshine. Hours recorded.	Diff. from Av. (25 Yrs.)	Percentage of Possible Duration	Diff. from Av. (25 Yrs.)
	°	°	°	°	°	°	Day-deg.	Day-deg.	Day-deg	Day-deg.			Inches.	Inches.			%	%
0. SCOTLAND, NORTH ..	72†	33	61·2	44·9	53·0	+ 1·8	77†	+ 13	0	0	1	− 4	0·02†	−1·09	34	+ 10	39	+11
Eastern 1. SCOTLAND, EAST ..	70	31	61·2	43·8	52·1	+ 0·3	71	+ 6	0	− 1	1	− 3	0·04	−0·60	35	+ 7	40	+ 9
Eastern 2. ENGLAND, N.E. ..	66	41	60·0	49·2	54·4	+ 0·2	87	+ 8	0	0	4	+ 1	0·21	−0·29	23	− 12	27	−14
Eastern 3. ENGLAND, EAST ..	69	38	62·4	51·0	56·4	+ 0·4	101	+ 10	0	− 1	6	+ 3	0·70	+0·18	31	− 3	36	− 3
Eastern 4. MIDLAND COUNTIES	66	39	61·7	48·3	54·7	+ 0·2	89	+ 8	0	− 1	3	0	0·15	−0·41	20	− 7	23	− 9
Eastern 5. ENGLAND, SOUTH ..	68	43	62·8	50·4	56·3	− 0·4	100	+ 5	0	0	4	+ 1	0·24	−0·35	31	− 3	36	− 4
Western 6. SCOTLAND, WEST ..	71	39	63·5	45·8	54·3	+ 1·5	86	+ 11	0	− 1	1	− 3	0·06	−0·98	36	+ 8	42	+10
Western 7. ENGLAND, N.W. ..	67	34	61·6	47·5	54·2	− 0·3	85	+ 1	0	0	1	− 3	0·07	−0·70	39	+ 11	46	+12
Western 8. ENGLAND, S.W. ..	66	37	62·3	47·4	54·5	− 1·2	88	− 4	0	0	0	− 4	0·00	−0·81	49	+ 15	57	+18
Western 9. IRELAND, NORTH ..	68	40	62·5	48·4	55·1	+ 1·8	92	+ 14	0	− 1	1	− 3	0·02	−0·76	31	+ 6	36	+ 7
Western 10. IRELAND, SOUTH ..	73	42	63·6	48·9	55·9	+ 1·0	97	+ 10	0	0	1	− 3	0·01	−0·75	32	+ 1	37	+ 1
11. CHANNEL ISLANDS..	68	51	63·4	54·8	58·9	+ 0·2	118	0	0	0	1	− 3	0·04	−0·71	51	+ 12	59	+14

THE SEASON (**Autumn**).—Aggregates, &c., for the Period of 3 Weeks, September 2nd to September 22nd, 1906.

0. SCOTLAND NORTH ..	89†	33	*	*	*	*	257†	+ 43	0	0	13	− 1	2·82†	−0·35	101	+ 27	38	+10
Eastern 1. SCOTLAND, EAST ..	87	31	*	*	*	*	270	+ 47	0	− 1	9	− 3	1·06	−0·91	112	+ 34	42	+13
Eastern 2. ENGLAND, N.E. ..	94	38	*	*	*	*	340	+ 77	0	0	7	− 3	0·66	−0·89	123	+ 21	46	+ 8
Eastern 3. ENGLAND, EAST ..	93	35	*	*	*	*	386	+ 87	0	− 1	9	0	1·42	−0·13	136	+ 30	51	+11
Eastern 4. MIDLAND COUNTIES	96	34	*	*	*	*	347	+ 74	0	− 1	8	− 2	0·94	−0·77	114	+ 25	43	+10
Eastern 5. ENGLAND, SOUTH ..	92	37	*	*	*	*	377	+ 60	0	0	9	− 1	1·31	−0·42	126	+ 18	47	+ 7
Western 6. SCOTLAND, WEST ..	89	39	*	*	*	*	289	+ 39	0	− 1	8	− 4	2·08	−1·02	121	+ 34	45	+13
Western 7. ENGLAND, N.W. ..	90	34	*	*	*	*	316	+ 35	0	0	8	− 3	1·29	−1·04	125	+ 35	47	+13
Western 8. ENGLAND, S.W. ..	88	32	*	*	*	*	338	+ 33	0	0	6	− 5	1·14	−1·27	137	+ 30	51	+11
Western 9. IRELAND, NORTH ..	78	35	*	*	*	*	291	+ 31	0	− 1	11	− 3	1·36	−1·02	100	+ 21	37	+ 8
Western 10. IRELAND, SOUTH ..	79	37	*	*	*	*	321	+ 34	0	0	9	− 3	0·99	−1·34	117	+ 21	44	+ 8
11. CHANNEL ISLANDS..	82	51	*	*	*	*	406	+ 34	0	0	7	− 5	1·04	−1·07	146	+ 20	55	+ 8

THE YEAR.—Aggregates, &c., for the period of 38 Weeks, December 31st, 1905, to September 22nd, 1906.

0. SCOTLAND, NORTH ..	89†	8	*	*	*	*	1681†	− 28	646	+ 87	186	+23	37·61†	+4·62	1005	+ 35	28	+ 1
Eastern 1. SCOTLAND, EAST ..	88	11	*	*	*	*	2006	+ 29	624	+ 19	150	+11	22·33	+0·58	1223	+111	34	+ 3
Eastern 2. ENGLAND, N.E. ..	94	18	*	*	*	*	2490	+310	464	− 22	130	+ 5	15·00	−2·45	1371	+127	39	+ 4
Eastern 3. ENGLAND, EAST ..	93	23	*	*	*	*	2752	+224	413	−120	114	− 7	15·12	−1·62	1544	+237	44	+ 7
Eastern 4. MIDLAND COUNTIES	96	18	*	*	*	*	2671	+196	486	− 57	124	− 1	15·67	−3·60	1340	+191	38	+ 5
Eastern 5. ENGLAND, SOUTH ..	92	20	*	*	*	*	2775	+ 61	351	− 39	121	0	16·88	−1·61	1585	+236	45	+ 7
Western 6. SCOTLAND, WEST ..	89	14	*	*	*	*	2188	+ 87	419	− 3	154	+ 7	33·27	+0·56	1248	+ 91	35	+ 3
Western 7. ENGLAND, N.W. ..	90	16	*	*	*	*	2406	+ 70	379	− 13	144	+ 9	24·77	+1·57	1300	+144	37	+ 4
Western 8. ENGLAND, S.W. ..	88	19	*	*	*	*	2614	+ 46	327	+ 31	140	+ 8	27·08	+1·26	1438	+144	41	+ 4
Western 9. IRELAND, NORTH ..	84	20	*	*	*	*	2188	− 51	355	0	183	+19	26·48	+0·92	1127	+ 64	32	+ 2
Western 10. IRELAND, SOUTH ..	81	24	*	*	*	*	2646	+ 90	264	0	167	+21	24·70	−3·46	1253	+ 28	36	+ 1
11. CHANNEL ISLANDS..	89	27	*	*	*	*	2973	+ 20	79	− 35	135	− 2	17·74	−3·93	1644	+ 64	47	+ 2

† This value has been altered owing to the receipt of further information.

Bright Sunshine.—For certain of the Districts the values of Bright Sunshine in this Table are based on the records from a part only of the Stations included in Table II. For certain of the Stations Mean Values are not available, and for the Districts containing these Stations the "Difference from Average" is based on the records from a smaller number of Stations than those supplying the values for "Hours Recorded."

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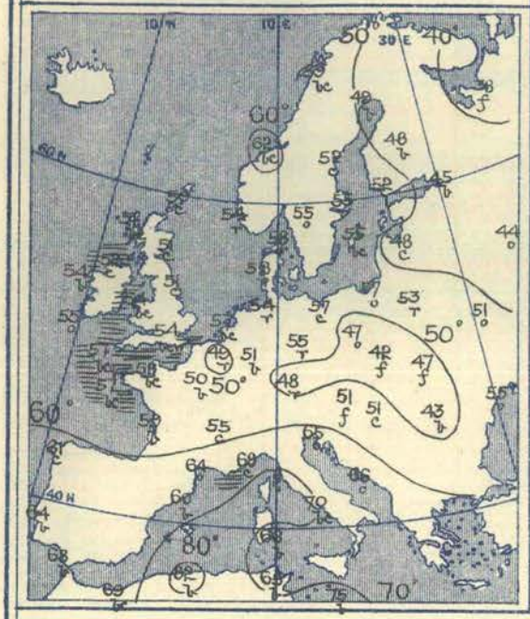
II.—DATA from which the SUMMARY on page 223 has been calculated.

September 16-22, 1906. Districts.	Names of Stations.	Temperature. In Degrees Fahrenheit. Highest observed.	Lowest observed.	Averages for the Week. Of Highest each day.	Of Lowest each day.	For whole of each day.	Difference of Daily Average from Mean for the Week.	Accumulated Heat for the Week (in Day-degrees). Above 42°	Below 42°	Rainfall. Number of Rain-Days.	Rainfall in the Week.	Difference from the Mean for the Week.	Bright Sunshine. Number of Hours recorded.	Difference from the Mean for the Week.	Percentage of possible duration.	Difference from the Mean for the Week.
		°	°	°	°	°	°	Day-deg	Day-deg		Inches.	Inches.	Hrs.	Hrs.	%	%
O. SCOTLAND, N.	†Sumburgh Head (Deerness)	59	40	55·9	45·9	50·7	+ 0·6	61	0	2	0·02	− 0·78	45·0	+ 20·3	52	+ 24
	Wick	61	35	58·9	46·1	52·2	+ 1·0	71	0	0	0·00	− 0·63	*	*	*	*
	†Lairg (Strathpeffer)	72	33	66·6	44·9	55·2	+ 5·0	92	0	0	0·00	− 0·70	38·5	+ 12·0	45	+ 14
	Stornoway	63	42	60·7	46·6	53·3	+ 2·5	79	0	1	0·01	− 0·97	22·9	− 2·8	27	− 3
	Glencarron	70	36	60·0	46·4	52·9	+ 2·2	76	0	1	0·01	− 1·98	*	*	*	*
	Fort Augustus	69	34	63·4	44·7	53·6	+ 1·3	81	0	2	0·06	− 0·87	27·7	+ 9·0	32	+ 11
	Fort William	69	36	62·7	44·4	53·1	+ 0·3	78	0	1	0·01	− 1·72	*	*	*	*
1. SCOTLAND, E.	Nairn	68	33	63·1	43·1	52·6	+ 0·6	74	0	0	0·00	− 0·56	42·4	—	49	—
	Aberdeen	61	40	58·9	44·4	51·3	− 0·9	65	0	1	0·01	− 0·63	38·9	+ 11·3	45	+ 13
	†Balmoral (Crathes)	66	31	59·2	39·2	48·7	0·0	59	8	1	0·01	− 0·70	36·7	—	43	—
	†Clathick (Balruddery)	70	36	63·9	44·6	53·8	+ 1·4	83	0	1	0·09	− 0·68	30·2	—	35	—
	†Leith (Edinburgh)	66	40	61·6	46·9	53·9	− 0·1	83	0	2	0·08	− 0·38	26·5	+ 3·5	31	+ 4
	Marchmont	67	37	60·4	44·7	52·2	+ 0·6	71	0	1	0·06	− 0·64	33·5	+ 7·2	39	+ 8
2. ENGLAND, N.E. Northern part.	†Alnwick Castle (Cockle Park)	61	43	59·4	48·2	53·5	+ 1·0	81	0	2	0·05	− 0·57	18·4	—	21	—
	†Shields (Newcastle)	60	44	58·0	48·6	53·1	− 0·2	78	0	2	0·10	− 0·37	9·7	− 12·5	11	− 15
	Durham	61	42	58·7	47·8	53·0	− 0·2	77	0	4	0·18	− 0·35	11·8	− 14·7	14	− 17
	Scarborough	65	50	60·1	52·6	56·2	+ 1·8	99	0	3	0·40	− 0·15	27·5	—	32	—
	York	65	42	61·6	44·6	52·7	− 1·7	75	0	4	0·12	− 0·40	17·9	− 8·9	21	− 10
Southern part.	†Spurn Head (Saltburn)	63	50	60·0	53·9	56·8	+ 0·9	104	0	4	0·08	− 0·32	20·5	—	24	—
	†Lincoln (Skegness)	64	41	61·3	49·0	54·9	− 0·2	90	0	5	0·31	− 0·15	44·2	—	51	—
	†Fulbeck (Rauceby)	66	43	61·0	48·7	54·6	+ 0·1	88	0	6	0·46	− 0·01	22·1	—	26	—
	(Cromer)												43·9	—	51	—
3. ENGLAND, E. Northern part.	Hillington	65	38	62·7	49·5	55·8	+ 0·6	97	0	7	0·94	+ 0·37	38·7	+ 7·8	45	+ 9
	†Yarmouth (Lowestoft)	64	46	61·9	53·4	57·5	+ 1·5	109	0	6	0·99	+ 0·42	45·1	—	52	—
	Geldeston	64	42	62·6	50·6	56·3	+ 0·7	100	0	7	0·90	+ 0·35	39·3	+ 4·6	46	+ 5
	(Dunmow)												17·5	—	20	—
Southern part.	Cambridge	65	42	62·7	49·9	56·0	0·0	98	0	6	0·28	− 0·18	22·1	− 11·0	26	− 13
	Felixstowe	64	46	61·8	51·6	56·5	+ 0·8	102	0	7	0·93	—	37·8	—	44	—
	Clacton-on-Sea	64	47	62·3	51·4	56·6	− 0·1	102	0	6	1·08	—	35·4	—	41	—
	Rothamsted	64	43	61·1	49·7	55·1	+ 0·5	92	0	6	0·27	− 0·29	25·3	− 7·5	29	− 9
	†Shoeburyness (Southend)	69	46	63·7	50·6	56·8	− 0·9	104	0	5	0·50	+ 0·05	24·0	—	28	—
	London, Westminster	65	46	62·7	51·9	57·0	+ 0·5	105	0	4	0·40	− 0·08	19·1	− 6·9	22	− 8
4. MIDLAND COUNTIES. Eastern part.	Harrogate	62	40	59·3	47·7	53·2	+ 0·2	78	0	5	0·13	− 0·45	19·1	—	22	—
	†Bawtry (Worksop)	66	42	62·1	48·9	55·2	+ 0·8	92	0	4	0·31	− 0·16	12·2	− 14·5	14	− 17
	Nottingham	64	42	62·1	50·3	55·9	+ 0·9	97	0	5	0·12	− 0·38	16·9	—	20	—
	†Colly Weston (Oundle)	65	41	61·6	49·6	55·3	0·0	93	0	6	0·24	− 0·29	11·3	—	13	—
	Birmingham, Edgbaston	62	45	59·8	49·9	54·6	+ 0·3	88	0	2	0·35	− 0·21	12·3	—	14	—
	Oxford	66	43	63·3	49·6	56·1	+ 0·6	99	0	2	0·08	− 0·41	24·4	− 8·1	28	− 9
Western part.	†Cheadle (Sheffield)	62	42	58·8	47·6	52·9	− 0·2	76	0	2	0·32	− 0·34	17·5	—	20	—
	Shrewsbury	66	39	63·1	46·3	54·3	− 0·6	86	0	1	0·02	—	*	*	*	*
	Hereford	66	40	62·9	45·5	53·8	− 0·7	83	0	0	0·00	− 0·54	*	*	*	*
	Cirencester	65	43	61·6	48·7	54·8	+ 0·6	90	0	1	0·02	− 0·61	31·4	+ 0·4	37	+ 1
	Bath	66	43	63·6	47·7	55·3	+ 0·2	93	0	1	0·08	− 0·56	30·4	—	35	—
	(Margate)												35·1	+ 1·7	41	+ 2
5. ENGLAND, S.	Kew	64	45	62·3	51·2	56·5	+ 0·5	102	0	5	0·26	− 0·22	22·4	− 8·7	26	− 10
	Wisley, Surrey	65	44	62·5	50·2	56·1	− 0·3	99	0	4	0·11	—	23·0	—	27	—
	†Swarraton (Ventnor)	64	43	61·8	48·8	55·0	+ 0·5	91	0	3	0·68	− 0·53	44·6	+ 6·1	52	+ 7
	Tunbridge Wells	64	44	62·2	48·6	55·1	− 0·5	92	0	6	0·54	− 0·04	29·0	− 6·0	34	− 7
	†Dungeness (Littlestone)	64	46	61·9	49·9	55·6	− 3·1	95	0	7	0·59	+ 0·03	30·9	—	36	—
	Hastings	65	45	62·5	50·4	56·2	− 1·1	99	0	4	0·36	− 0·30	30·6	− 6·8	36	− 8
	Southampton	68	45	65·5	51·0	57·9	+ 0·6	111	0	0	0·00	− 0·62	39·1	+ 3·1	46	+ 4
	†Portland Bill (Worthing)	67	50	63·3	53·1	58·0	+ 0·1	112	0	0	0·00	—	34·9	—	41	—
	(Eastbourne)												29·3	− 8·1	35	− 9
6. SCOTLAND, W.	†Laudale, (Oban)	69	40	64·0	47·3	55·3	+ 2·5	93	0	0	0·00	− 1·70	29·4	—	34	—
	Glasgow	63	40	60·3	47·8	53·8	+ 1·6	83	0	1	0·03	− 0·87	20·8	− 1·6	24	− 2
	Dumfries	71	40	65·4	45·1	54·8	+ 1·6	90	0	1	0·06	− 0·73	*	*	*	*
	Cally	70	39	65·6	42·7	53·6	+ 1·2	81	0	1	0·06	− 0·90	*	*	*	*
	Douglas, Isle of Man	65	40	62·4	46·3	54·0	+ 0·8	84	0	2	0·15	− 0·72	50·6	+ 18·4	59	+ 21
7. ENGLAND, N.W.	Aspatria	64	38	61·8	45·4	53·2	+ 0·8	78	0	1	0·02	− 0·91	40·1	—	47	—
	Newton Rigg	64	34	62·7	43·2	52·5	+ 0·6	74	0	2	0·09	− 0·64	36·3	+ 8·7	42	+ 10
	Stonyhurst	63	42	60·6	47·8	53·9	+ 0·4	83	0	1	0·08	− 0·96	34·5	+ 6·0	40	+ 7
	Blackpool	67	43	62·4	47·4	54·5	− 0·1	88	0	1	0·06	− 0·74	46·8	+ 18·2	54	+ 21
	Manchester, Prestwich	64	42	61·8	48·1	54·6	+ 1·0	88	0	1	0·07	− 0·76	27·8	+ 2·8	32	+ 3
	†Liverpool Obs. (Hoylake)	64	49	60·6	51·1	55·6	+ 0·4	95	0	1	0·08	− 0·59	30·0	—	35	—
	†Hawarden Bridge (Southport)	65	42	61·4	48·2	54·5	− 0·9	88	0	2	0·07	− 0·47	41·0	—	48	—
NORTH WALES	Llandudno	65	46	62·3	50·3	56·0	− 0·4	98	0	1	0·07	− 0·59	45·6	+ 16·7	53	+ 19
	†Holyhead (Aberdovey)	61	49	59·9	51·1	55·3	− 0·6	93	0	1	0·05	− 0·65	52·4	—	61	—
	Bettws-y-Coed	65	40	62·4	42·3	51·9	− 3·7	69	0	1	0·12	—	41·5	—	48	—
8. SOUTH WALES	Llangammarch Wells	64	37	61·0	38·9	49·4	− 3·9	65	9	0	0·00	—	42·7	—	50	—
	Pembroke	64	49	62·0	50·9	56·2	+ 0·1	99	0	0	0·00	− 0·74	51·0	+ 18·0	59	+ 21
	†Cardiff (Aberystwyth)	66	40	63·4	44·5	53·5	− 2·2	81	0	1	0·02	− 0·89	51·5	—	60	—
ENGLAND, S.W.	†Clifton (Torquay)	66	48	62·9	51·3	56·8	+ 0·2	104	0	0	0·00	− 0·73	52·8	+ 16·8	61	+ 20
	†Shaftesbury (Marlborough)	63	43	60·8	48·1	54·2	− 0·6	85	0	1	0·01	− 0·67	19·6	− 9·4	23	+ 11
	†Arlington (Newquay)	63	43	61·4	46·9	53·8	− 0·8	83	0	1	0·01	− 1·11	49·6	+ 14·7	58	+ 17
	Cullompton	66	41	63·8	46·0	54·5	− 1·5	88	0	0	0·00	− 0·68	39·7	+ 7·7	46	+ 9
	Plymouth	65	43	63·7	48·9	55·9	− 1·1	97	0	0	0·00	− 0·74	52·7	+ 17·7	61	+ 21
	Falmouth	64	50	61·3	51·1	56·0	− 0·7	98	0	0	0·02‡	− 0·88	53·5	+ 18·0	62	+ 21
9. IRELAND, N. Western part.	Malin Head	65	47	61·4	50·4	55·6	+ 1·7	95	0	1	0·02	− 0·67	*	*	*	*
	Edenfel	66	40	62·3	47·1	54·3	+ 2·5	86	0	0	0·00	− 0·83	*	*	*	*
	Blacksod Point	66	49	63·0	52·6	57·6	+ 2·6	109	0	1	0·04	− 0·95	*	*	*	*
	Markree Castle	68	41	64·1	46·8	55·0	+ 2·4	91	0	2	0·07	− 0·80	28·2	+ 3·4	33	+ 4
Eastern part.	Armagh	66	41	63·4	45·6	54·1	+ 1·5	85	0	0	0·01‡	− 0·66	34·4	+ 8·2	40	+ 10
	Donaghadee	63	43	60·7	48·0	54·1	+ 0·3	85	0	0	0·00	− 0·65	*	*	*	*
10. IRELAND, S. Eastern part.	†Dublin, City (Phœnix Park)	63	45	62·3	48·1	54·9	− 0·1	90	0	0	0·00	− 0·53	35·9	+ 3·5	42	+ 4
	Kilkenny	66	42	63·7	46·9	54·9	+ 0·5	90	0	0	0·00	− 0·62	*	*	*	*
	Waterford	68	43	66·1	46·7	55·9	+ 1·1	97	0	0	0·00	− 0·75	*	*	*	*
Western part.	Birr Castle	67	42	64·1	47·9	55·6	+ 1·9	95	0	1	0·05	− 0·58	30·7	+ 1·7	36	+ 2
	Foynes	61	47	57·4	50·2	53·6	− 1·0	81	0	1	0·01	− 0·70	*	*	*	*
	Killarney	73	46	69·1	50·6	59·4	+ 4·2	122	0	0	0·00	− 0·92	*	*	*	*
	Valencia	66	46	63·7	49·4	56·2	+ 0·4	99	0	1	0·01	− 1·06	27·6	− 1·9	32	− 2
	†Roches Point (Ballinacurra)	66	49	62·7	51·3	56·7	+ 0·9	103	0	1	0·02	− 0·81	32·8	—	38	—
11. ENGLISH CHANNEL	Scilly, St. Mary's	62	54	61·6	55·4	58·4	+ 0·6	115	0	0	0·00	− 0·74	56·9	+ 20·5	66	+ 24
	†Jersey, St. Aubins (St. Heliers)	68	51	64·7	54·0	59·1	− 0·6	120	0	3	0·11	− 0·62	43·0	+ 2·5	50	+ 3
	Guernsey	67	51	64·0	55·0	59·3	+ 0·5	121	0	0	0·00	− 0·78	51·5	+ 12·0	60	+ 14

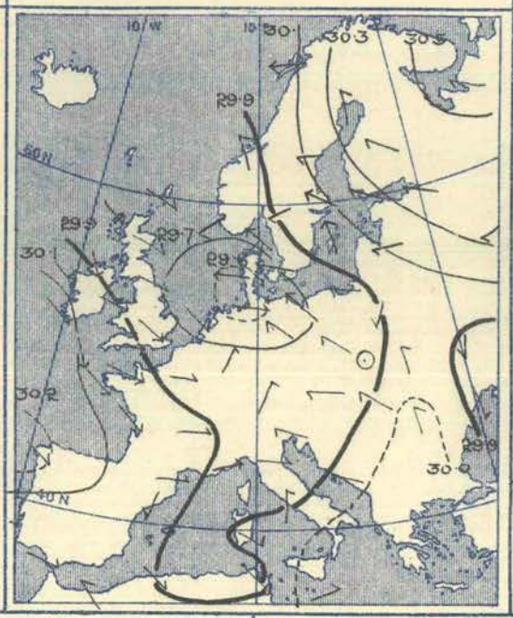
Information for Stations marked ℳ is supplied by the Royal Meteorological Society, and that for Stations marked 𝒮 is supplied by the Scottish Meteorological Society.
* An Asterisk is inserted in all places for which the information is not usually given.
† There is no Sunshine Recorder in use at this Station. The figures entered for Sunshine are those recorded at a Station in the same district of which the name is given in brackets.
‡ Dew.
Additional Sunshine Totals for the week: Ramsgate, 37·4 hrs., 44 %; Brighton, 28·5 hrs. (− 8·7), 33 % (− 10 %); Bournemouth, 38·4 hrs., 45 %; Bognor, 36·5 hrs., 42 %; Rhyl, 43·6 hrs., 51 %; Tenby, 55·8 hrs. (+ 21·8), 65 % (+ 25 %).

Sunday, 16th September, 1906.

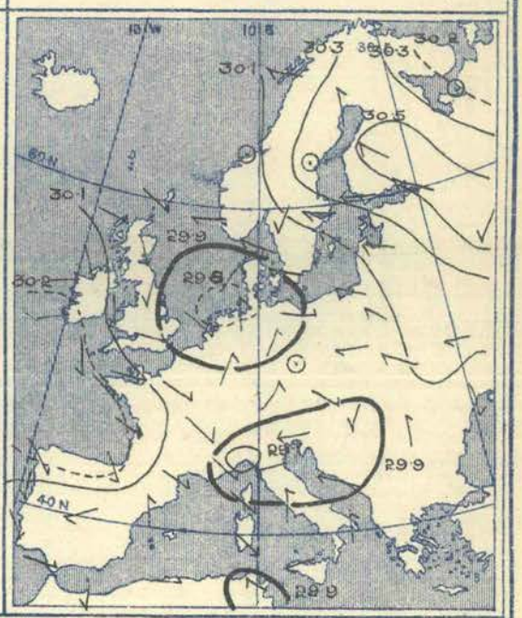
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. very unsettled over Denmark and the surrounding regions, with rain in several places. Fair or fine in nearly all parts of our Islands, the northern half of Russia, and the south of our area, but dull in the north of Italy. Rain falling later in the east and south-east of England, with thunder and lightning in places. Rain also general in the north-east of France, the Low Countries, Germany and Austria; more than an inch falling at Dunkirk and Charleville and as much as 1·8 in. at Trieste. Aurora seen at Nairn.

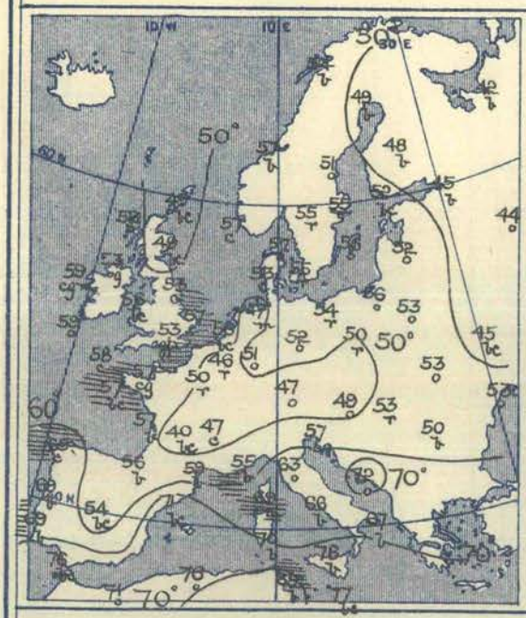
TEMPERATURE in morning showing a decrease in most places. Readings ranging from 82° at Algiers and 75° at Malta to below 40° generally, below 50° in most parts of Russia and at some stations in central Europe, and to 38° at Archangel. Thermometer remaining below 60° all day in most British and Irish localities and at some stations in Germany and Austria, but rising to above 70° over southern Europe and to 95° at Algiers. Maximum as high as 61° at Haparanda and 63° at St. Petersburg.

WIND in morning moderate to strong from the North-Westward over the United Kingdom and France, light to strong from South-East or East over the central countries and the Baltic, and from North-East or East in Norway. Variable airs prevailing over southern Europe and the Mediterranean. A decided cyclonic circulation setting in later around the Gulf of Genoa. Little change elsewhere except a decrease in force.

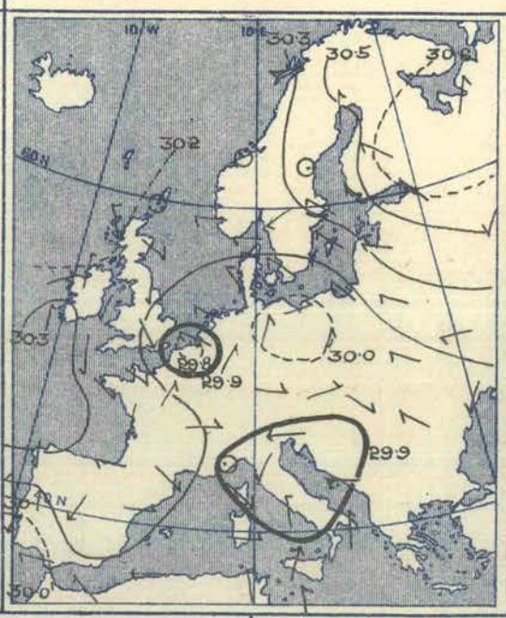
BAROMETER at 8 a.m. above 30·4 ins. over the north of Russia and above 30·1 ins. over the Bay of Biscay and the south-west of Ireland. Below 29·6 ins. in a depression centred over Holstein and its vicinity and relatively low in other disturbances over the Black Sea and the north of Italy. High pressure systems increasing in intensity during day and depression over Holstein becoming less deep and moving south-westwards. Gradients growing steep over the south-east of France in consequence of a rise of the barometer to the westward.

Monday, 17th September, 1906.

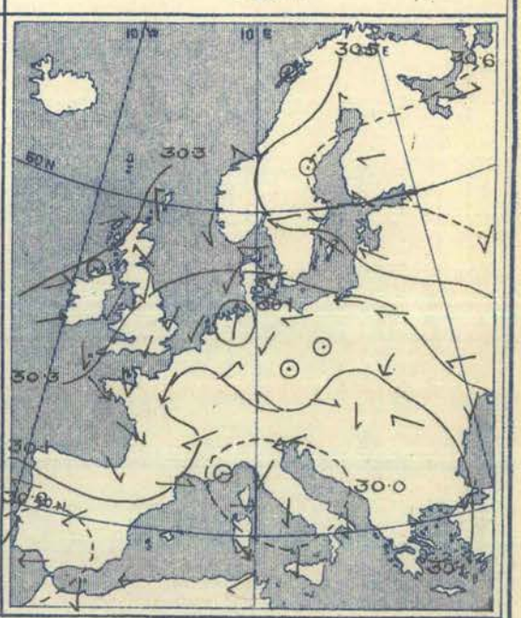
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. overcast in most parts of central Europe, the north-east of France, the south-east of England, and Belgium, with rain in places. Fair or fine in most other regions, but cloudy or dull along our Atlantic seaboard. Some rain experienced later in a few parts of England and Ireland and large amounts at scattered stations on the Continent. More than an inch at Buda-Pesth and as much as 1·3 in. at Cape Gris Nez.

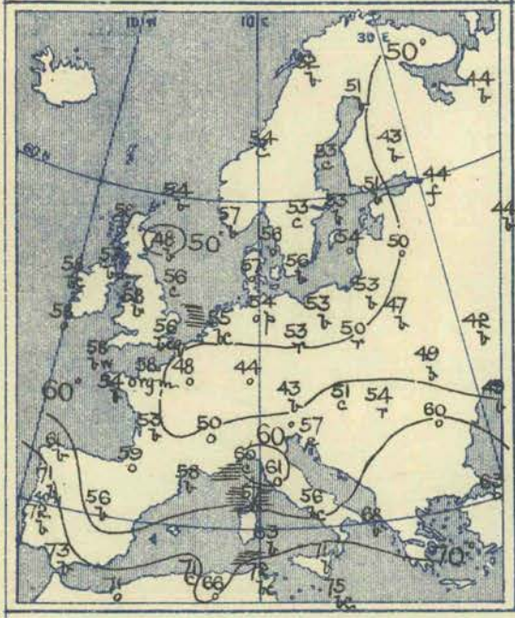
TEMPERATURE risen over Ireland and England, fallen generally elsewhere. Readings in morning below 50° in Scotland and the extreme north-east and east of our area, as well as at some stations in France and central Europe. Increasing towards the south to above 60° generally and to above 70° in places. Highest value, 78° at Palermo. Maxima during day, 68° at Torquay and above 65° at several of our other stations. Thermometer remaining below 60° in many German localities, but rising to above 70° in southern Europe and to above 80° locally. Highest reading, 90° at Palermo.

WIND in morning circulating cyclonically and blowing very strongly over our south-eastern districts and the nearer portions of the Continent, and a cyclonic movement of moderate to fresh winds also prevailing over Italy and its neighbourhood. Cyclonic movement almost entirely dying out during day and wind falling to the force of a light or moderate breeze.

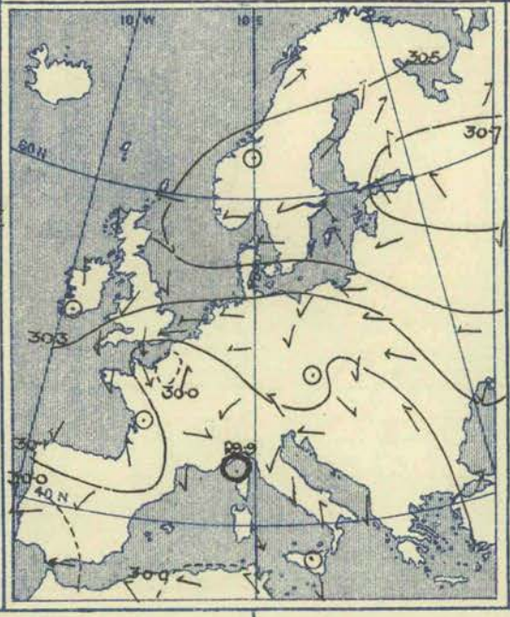
BAROMETER in morning ranging from above 30·6 ins. in a very extensive anticyclone having its maximum over the north of Russia and from 30·3 ins. in another system off our south-west coasts and over the Bay of Biscay to below 29·9 ins. in a shallow depression over Italy and to below 29·8 ins. in a small minimum over Belgium. Latter travelling away southwards and partially dispersing during day, but another brisk fall of barometer occurring over the south-east of England during the night.

Tuesday, 18th September, 1906.

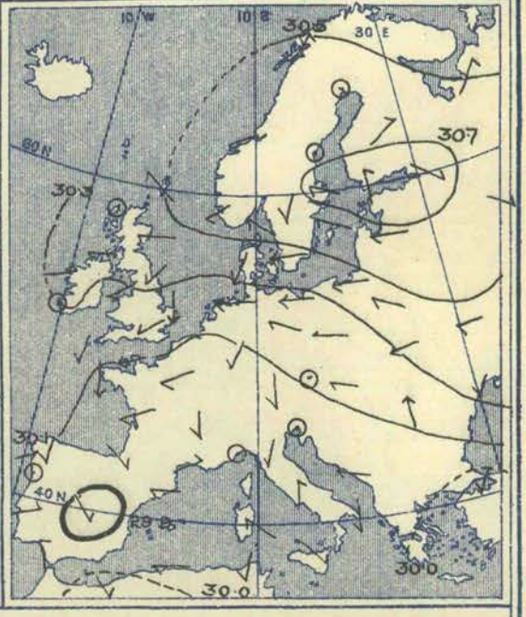
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. varying a good deal. Mostly fair or fine in Ireland, Scotland, Wales, Scandinavia, and the south and south-east of our area. Generally cloudy or overcast over England, the north of France, and the central countries, with rain in several places. Rain experienced later in the south-east of England and in various localities in France, central Europe, and Italy; largest measurements, 0·6 in. at Pesaro and Cracow.

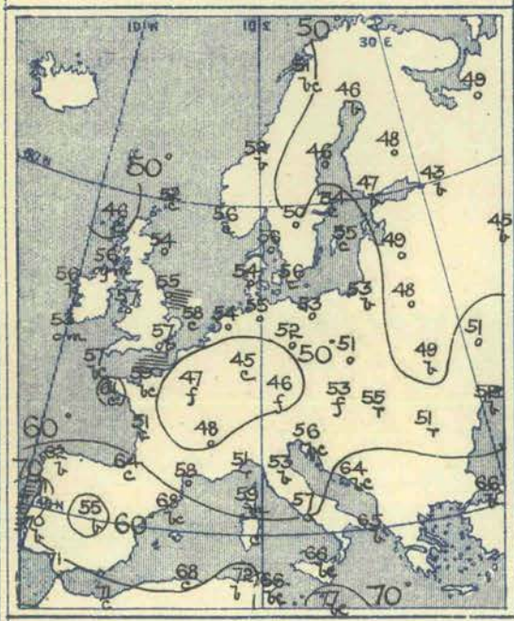
TEMPERATURE fallen as a whole, but risen over Denmark and the United Kingdom. Readings in morning above 70° in Portugal and at some stations in the extreme south of our area. Below 60° in almost all other regions, and below 50° in various parts of the north, east, and centre of Europe. Rising later to 65° at Nairn, to about 70° in the south of France, and to above 80° in Spain and Sicily. Maxima less than 60° at Turin and at some stations in Germany and Austria.

WIND in morning showing two cyclonic circulations—one over Italy of gentle force, and another over England and the north of France of considerable strength. Easterly and Northerly winds blowing a very strong breeze over the south-east and east of England. A vast anticyclonic movement prevailing over the northern and north eastern regions. No general change in direction during day, but force becoming much less over England and the Channel.

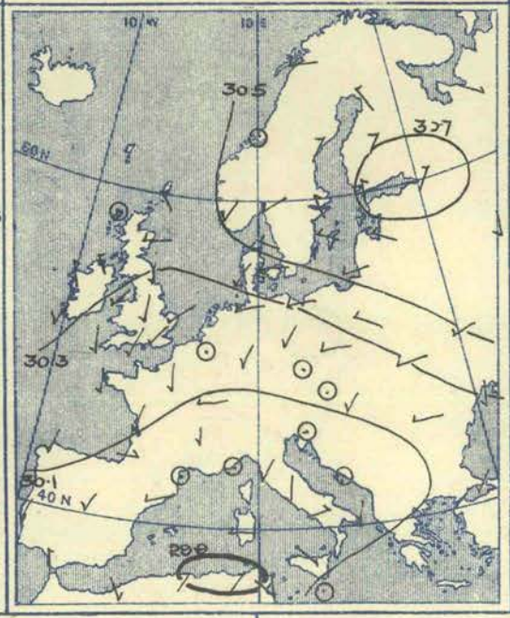
BAROMETER in morning ranging from between 30·4 ins. and 30·7 ins. in a very large anticyclone having its maximum over the north of Russia and extending to the north-east of Ireland, to below 30·0 ins. in a small, well-defined depression over Normandy, and in other larger, but shallower, systems in the extreme south and south west of our area. Disturbance over Normandy moving away southwards over France during day and gradients becoming slight. Very little modification occurring in the general distribution of pressure.

Wednesday, 19th September, 1906.

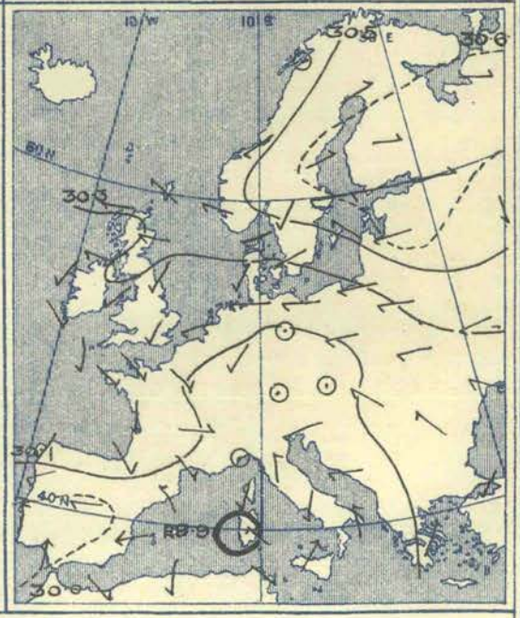
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. cloudy or overcast in most parts of the United Kingdom, the Netherlands, Germany, Austria, Denmark, and the south of Scandinavia, as well as in Lombardy and the south-east of France. Rain falling at Nice, Turin, Hermanstadt, Buda-Pesth, and showers at some of our own south-eastern stations. Fair or fine in other parts of our area. Considerable quantities of rain later in various parts of central Europe, northern Italy, and at Nice, and slight amounts in the south and south-east of England.

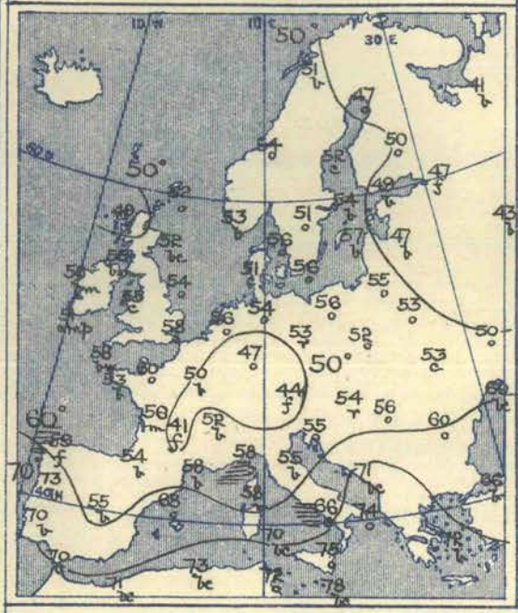
TEMPERATURE risen in the east of Scotland, fallen in most other regions. Readings in morning below 60° very generally and below 50° in many of the central and northern districts. Lowest values, 44° at Belfort, 43° at St. Petersburg, and 41° at Uleaborg. Above 60° at several stations in the extreme south and as high as 77° at Malta. Rising during day to 97° at Tunis, 91° at Palermo and to about 80° in some other southern localities. Maxima below 70° in Austria, less than 60° in some parts of Germany, and below 65° in most British and Irish districts.

WIND in morning showing a vast anticyclonic movement over the north and north-east of our area and variable or cyclonic breezes in the south. North-Easterly current fresh or strong over Denmark and its vicinity and moderate over England. A strong Southerly breeze setting in later over Sicily and a strong Easterly breeze at Lesina and San Fernando. Very little change as a whole.

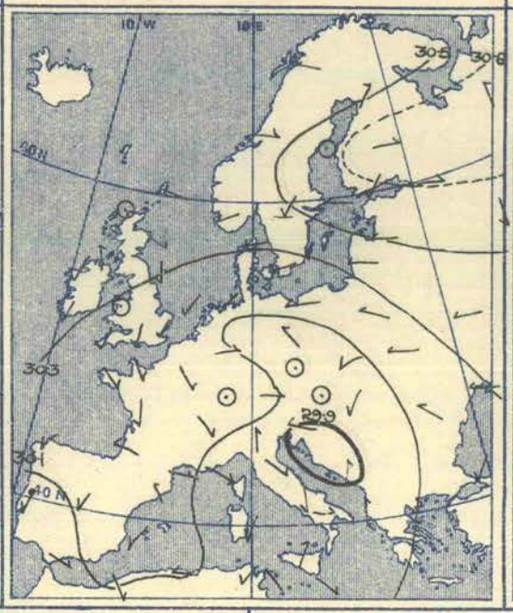
BAROMETER in morning above 30·7 ins. in a very extensive anticyclone having its maximum over the Gulf of Finland. Decreasing to less than 29·9 ins. in a shallow depression over Algeria. Relatively low in an ill-defined disturbance over the Netherlands. High pressure system beginning to move away eastwards later in day and the Algerian depression apparently travelling northwards. Little modification occurring in the general distribution of pressure.

Thursday, 20th September, 1906.

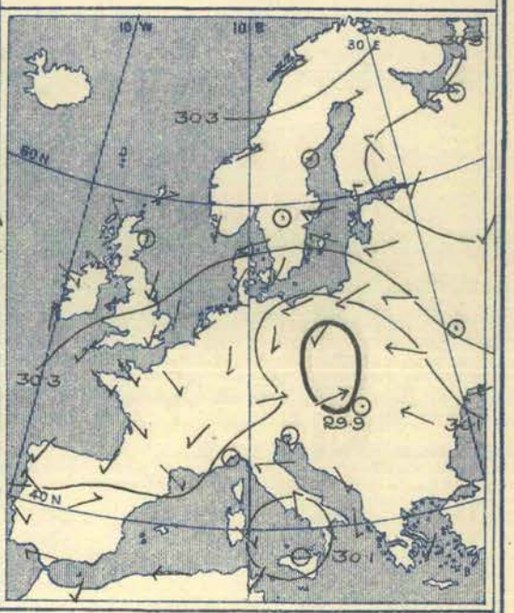
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine and bright at most places in the south and north of our area, cloudy or dull over the greater part of our Islands and the central countries of the Continent, with rain at Yarmouth, over the Netherlands, and at Berlin and Vienna. As much as 1·7 ins. of rain falling later at Prague and considerable amounts at a few other stations in central Europe. Smaller quantities experienced in the south-east of our Islands and the nearer portion of the Continent.

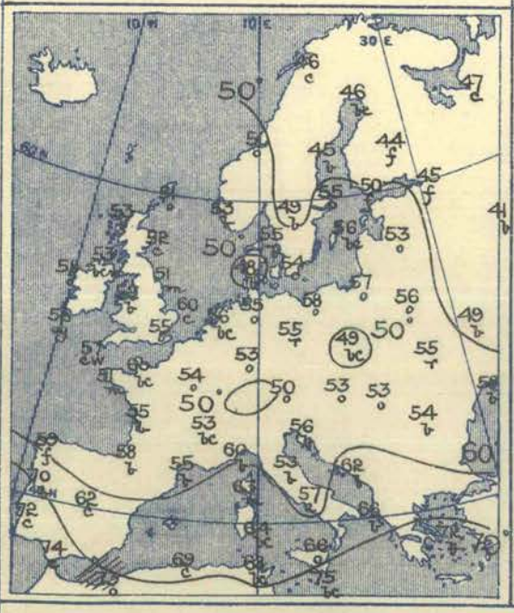
TEMPERATURE changed irregularly; readings in morning above 70° in the far south and nearly 80° at Malta and Sfax. Below 50° in various patches on the Continent, and as low as 41° at Limoges and Archangel. Rising during day to 67° at Torquay, to above 70° at some French and Italian stations, and to above 80° at Brindisi, Athens, and in various parts of Spain.

WIND in morning mainly anticyclonic over the northern and north-western regions and cyclonic over the central and southern countries. Scarcely any force stronger than a moderate breeze. No important change later.

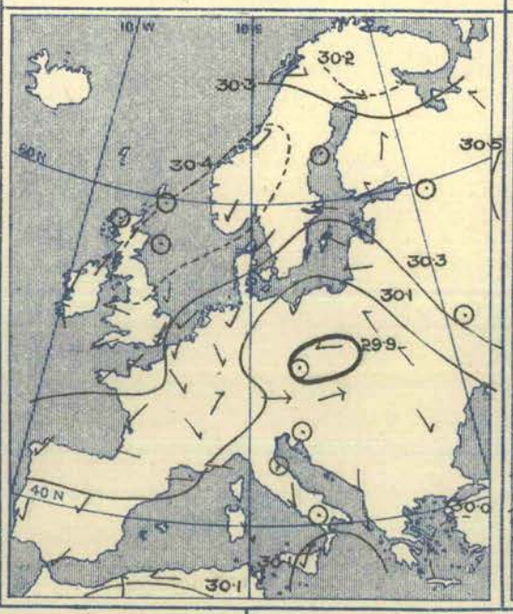
BAROMETER above 30·3 ins. to nearly 30·7 ins. in a very large anticyclone embracing all the northern and north-western countries and having its maximum over Finland and the north of Russia. Below 29·9 ins. in the central part of a shallow irregularly shaped depression over the Adriatic. Pressure giving way later over the north-east of Europe, and the eastern portion of the anticyclone travelling away in an easterly direction. Barometer becoming lowest in the centre of Europe.

Friday, 21st September, 1906.

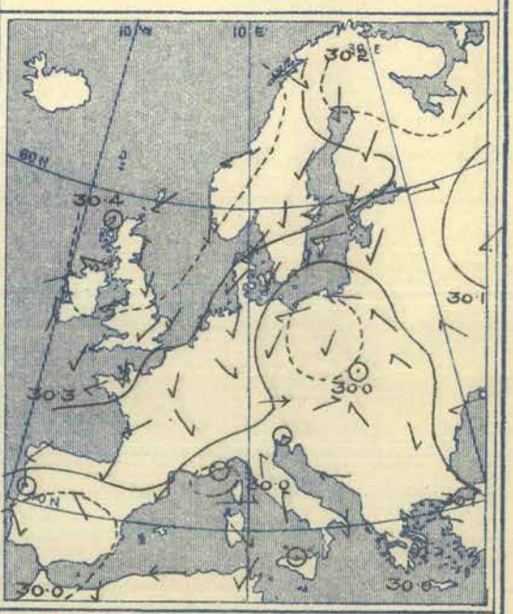
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER in morning cloudy or overcast at most of our own stations, with rain at Bath and and fog at Nairn; dull over the central countries, with rain at Berlin and Lemberg. Fog prevailing at Brussels and Aix-la Chapelle. Rain falling during day in various parts of Germany and Austria and very slight showers at some of our own eastern and south-eastern stations. Largest measurement, 1·0 in. at Prague.

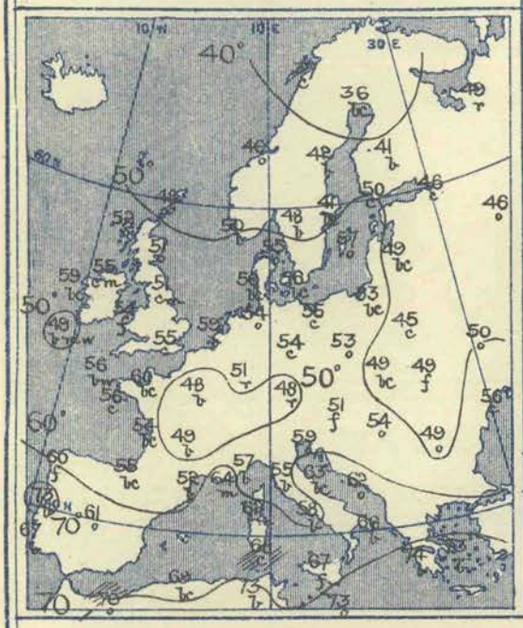
TEMPERATURE changed rather irregularly, but fallen in most localities. Readings in morning ranging from 41° at Moscow and from below 50° in the extreme north and east generally, to above 60° at many stations in the Mediterranean region, and to above 70° at some of the most southern stations. Maxima during day, 88° at Aumale and 86° at Patras; above 75° in many other southern regions, but below 60° at several German stations and on the north-east coast of England. Highest readings in our Islands, 66° at Valencia and Worthing.

WIND at 8 a.m. showing a moderate to strong cyclonic movement over the central countries and light and somewhat variable winds in the south. Mainly anticyclonic over the United Kingdom and the east and north-east of our area. No change of importance taking place later.

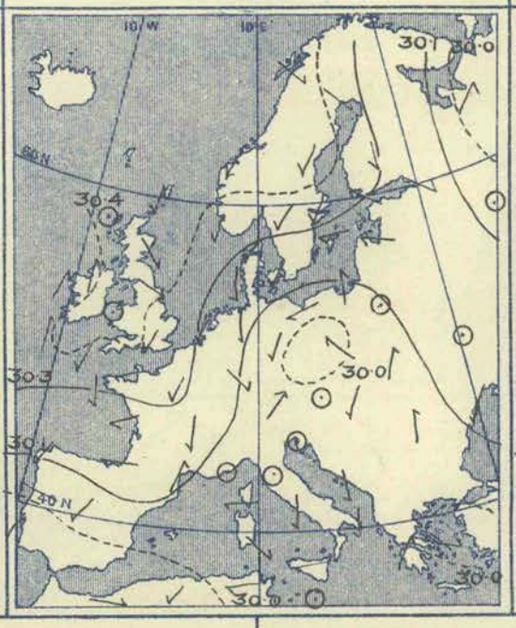
BAROMETER in morning above 30·4 ins. in an anticyclone extending from the north-west of England, across Scotland to Norway, and also in another system covering the major portion of Russia. Below 30·2 ins. in the extreme north of our area, and below 29·9 ins. in a depression centred between Prague and Breslau. Pressure decreasing in Russia during day, but north-western anticyclone increasing somewhat in intensity and extending both in a south-westerly and north-easterly direction. Little change occurring in the general distribution of pressure.

Saturday, 22nd September, 1906.

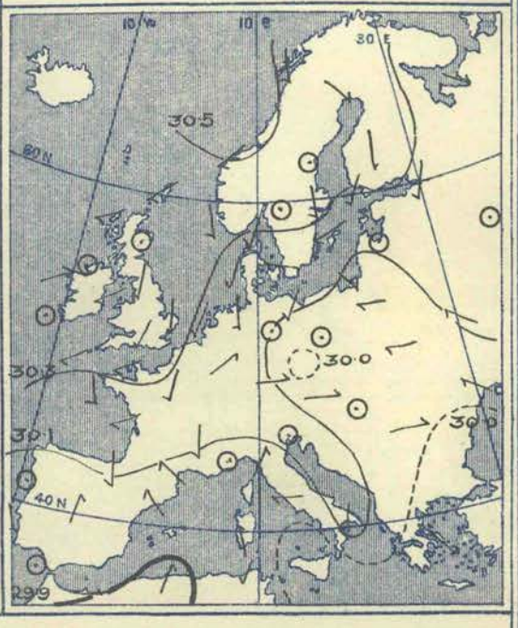
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. rather variable, but fair or fine generally except over the central countries and the north-east of Russia. Rain falling at Brussels and in the south-west of Germany, as well as at Archangel, and fog prevailing at Holyhead and Corunna. Slight rain experienced later at Dungeness and Yarmouth and heavier amounts in parts of Germany and the extreme north of Europe, as well as at Nemours. Aurora seen in Scotland and Northumberland at night.

TEMPERATURE risen in a few localities but fallen as a whole. Readings in morning ranging from 74° at Patras and 73° at Malta and Oporto to below 50° in many parts of inland France and the central and northern regions of the Continent, and to below 40° in the extreme north of Scandinavia. Maxima during day, 88° at Athens, above 80° at a few other southern stations, and above 70° in some French localities. Highest reading in the United Kingdom, 68° at Jersey.

WIND in morning showing a cyclonic circulation around central Europe; North Easterly current blowing freshly on the coast of Holland and at some stations in Norway. Very light variable airs prevailing over Ireland, Scotland, and the Mediterranean, and Northerly breezes over the western districts of Russia. No change of importance later.

BAROMETER in morning above 30·4 ins. in a large anticyclone extending from the south of Ireland across Scotland to the north of Scandinavia; below 30·0 ins. in a depression over the centre of Europe and also in the extreme south-west and south-east of our area and over the north-east of Russia. Scarcely any change occurring subsequently in the general distribution of pressure, but depression over central Europe taking up a position rather more to the eastward.

IV.—TEMPERATURE on the Grass, and in the Ground.

	STATION.	Grass Min.		Mean Earth Temp.	
		No. of Obs. of 30° or less.	Lowest reading.	At 1 foot.	At 4 feet.
			°	°	°
2.	York	—	—	57·1	57·3
	Hull	0	34	55·4	57·4
3.	Cambridge	0	35	—	—
	Dunmow	0	39	—	—
4.	Harrogate	0	34	54·4	54·9
	Sheffield	0	38	55·7	56·5
	Birmingham	0	39	53·9	55·1
	Nottingham	0	32	55·9	59·5
5.	Kew	0	39	57·6	58·9
	Canterbury	0	42	59·1	61·4
	Portsmouth	0	44	58·6	61·2
6.	Glasgow	0	31	—	—
7.	Newton Rigg	2	28	56·0	56·0
	Bettws-y-Coed	0	39	52·6	54·7
	Manchester (Oldham Road)	0	43	56·9	59·3
8.	Llangammarch Wells	1	30	55·7	56·4
	Bath	—	—	59·1	61·1
	Plymouth	0	41	58·8	—
9.	Armagh	0	34	57·2	57·5
	Markree	0	38	—	—
10.	Dublin, Trin. Coll.	0	35	56·7	57·5
11.	Guernsey, Brooklyn	0	48	60·0	61·6

V.—OBSERVATIONS IN THE UPPER AIR.—Temperature, Humidity and Wind Velocity.

Date of Observation.	Station and its Height above M.S.L.		Heights in feet above Mean Sea Level. Ground Level.	1,660.	3,320	5,000.	6,660.	8,320.	10,000.	Remarks
1906. September 9th, 10.0 a.m. to noon.	Brighton, 380 ft.	Temperature F.	66°	58°						Good breeze below, which soon failed with elevation.
		Humidity	95%	?						
		Wind Velocity, m. per hr.	NNE	—						
September 12th, 10.0 a.m. to 11.40 a.m.	— —	Temperature F.	64°	56 ?						One 8 ft. kite. 4,100 ft. wire. Clouds not reached. Rapid variations in the humidity from 60 to 90%.
		Humidity	70%	—						
		Wind Velocity, m. per hr.	SW by S	WSW, 20						
		The above are	additions to	last week's	report.					
September 17th, 11.33 a.m. to 12.33 p.m.	Ditcham Park, Petersfield, 400 ft.	Temperature F.	60°	52°	45°					One 9 ft. kite. Wire 4,680 ft. Max. height 3,770 ft., temp. 44°. Level of lower clouds about 2,500 ft. Fracto cumulus. Max. wind velocity 52 miles per hour.
		Humidity	75%	85%	95%					
		Wind Velocity, m. per hr.	N ½ W, 28	N, 32	N by E, 40					
September 18th, 11.0 a.m. to 1.0 p.m.	— —	Temperature F.	61°	54°	49°	[44°]				One kite. 6,000 ft. wire. Max. height 4,800 ft. Cloud level under 4,600 ft. A few detached cumulus clouds.
		Humidity	80%	75%	90%	[80%]				
		Wind Velocity, m. per hr.	ENE, 16	ENE, 30	ENE, 35	ENE, 35				
September 19th, 10.15 a.m. to 12.20 p.m.	Brighton, 380 ft.	Temperature F.	61·5°	54°						One kite 5,000 ft. wire. Max. height 2,500 ft. Temperature 52°. Cloud level 1,600 ft. Upper clouds not reached.
		Humidity	70%	90%						
		Wind Velocity, m. per hr.	NNE	NE by E, 30						
September 19th, 10.46 a.m. to 11.57 a.m.	Ditcham Park, Petersfield, 400 ft.	Temperature F.	62°	57°	48°					One 9 ft. kite. Wire 5,560 ft. Max. height 3,600 ft. Temp. 47°. Humidity 90. Clouds at three levels; scud 2,800 ft.; strato cumulus probably just over 3,600 ft. (cloud level just reached?) and cirrhus above.
		Humidity	70%	83%	84%					
		Wind Velocity, m. per hr.	N by E, 23	N ½ E, 27	NE, 30					
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								

Attempts to raise a kite at Oxshott, on 20th and 22nd failed for want of wind.

63, Victoria Street, London, S.W. *September 26th, 1906.*

W. N. SHAW, *Director.*

ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE,

AND PUBLISHED FOR H.M. STATIONERY OFFICE BY WYMAN AND SONS, LTD., FETTER LANE, E.C., AND 32, ABINGDON STREET, WESTMINSTER, S.W.; OR OLIVER AND BOYD, EDINBURGH; OR E. PONSONBY, 116, GRAFTON STREET, DUBLIN.

TWENTY-NINTH YEAR. *Vol. XXIII. (New Series.)* } No. 39. THIRTY-NINTH WEEK, ENDING SATURDAY, SEPTEMBER 29TH, 1906. [*Price 6d.* *Annual Subscription post paid* £1 10*s.* 0*d.*

I.—GENERAL REMARKS.

Weather was extremely fine and dry over the United Kingdom as a whole, with an abundance of warm sunshine in the day time, but with cold fogs at night. At the commencement of the week, however, a good deal of cloud prevailed around the east coasts of Great Britain, and in some few places showers of drizzling rain were experienced.

Temperature was below the average in most districts, but was slightly above it in Scotland N., Ireland N. and the Channel Islands. The highest readings, which occurred mainly during the latter half of the week, ranged from 71° in Scotland E. and 70° in Scotland N. and England N.W. to 67° in England S. and S.W. and to 65° in Ireland N. The lowest readings were registered on various dates, the thermometer in the screen falling at some time or another below the freezing point in most districts. In Scotland E. (at Balmoral) the shade minimum on the 27th was as low as 29°, while in England S.W. (at Llangammarch Wells) the reading on the 26th was as low as 28°. On the surface of the grass the exposed thermometer fell below the freezing point in many places, and on several occasions, chiefly during the latter half of the week.

Rainfall was almost entirely absent, the only district in which any appreciable amount was experienced being the extreme north-west of Ireland, where a rather considerable fall was measured on the 25th.

Bright Sunshine was largely in excess of the average, more than half the possible duration being registered in all districts excepting the Midland Counties, where the record was reduced by the prevalence of morning fogs. In England S.W. as much as 70 per cent. of the possible amount was recorded, and in the Channel Islands as much as 77 per cent.

Barometer and Wind.—The type of weather was distinctly anticyclonic, the highest pressures being situated at first over Scandinavia and North Britain, and afterwards over England and the neighbouring parts of the Continent. The winds were everywhere light in force, and chiefly from the East or North-East over the southern half of the United Kingdom, but from the West along our north and north-east coasts. In the more central districts calms or light variable airs were experienced.

SUMMARY OF TEMPERATURE, RAINFALL, AND DURATION OF BRIGHT SUNSHINE IN THE UNITED KINGDOM, FOR AGRICULTURAL AND SANITARY PURPOSES.

THE WEEK (39th)—September 23rd to September 29th, 1906.

DISTRICTS. (See p. 230.)	Temperature. Highest.	Lowest.	Means of Daily Max.	Daily Min.	Daily Mean.	Difference from Av. (35 Yrs.)	Accumulated. Number of Day-Degrees. Above 42°	Difference from Av. (25 Yrs.)	Below 42°	Difference from Av. (25 Yrs.)	Rainfall. Number of Rain-Days.	Diff. from Av. (35 Yrs.)	Total Fall.	Difference from Average (35 Yrs.)	Sunshine. Hours recorded.	Diff. from Av. (25 Yrs.)	Percentage of Possible Duration	Diff. from Av. (25 Yrs.)
	°	°	°	°	°	°	Day-deg.	Day-deg.	Day-deg	Day-deg.			Inches.	Inches.			%	%
0. SCOTLAND, NORTH ..	70	34	60·1	42·5	50·9	+ 0·9	62	+ 6	0	− 1	0	− 5	0·00	−1·12	43	+ 20	52	+25
Eastern 1. SCOTLAND, EAST ..	71	29	62·3	39·4	50·3	− 0·3	69	+ 13	7	+ 5	0	− 4	0·00	−0·65	55	+ 27	67	+33
Eastern 2. ENGLAND, N.E. ..	69	32	61·9	42·2	51·6	− 1·2	67	− 3	0	− 1	0	− 3	0·00	−0·53	47	+ 14	57	+17
Eastern 3. ENGLAND, EAST ..	69	32	62·0	43·6	52·4	− 2·2	73	− 8	0	− 2	0	− 3	0·00	−0·52	49	+ 16	60	+20
Eastern 4. MIDLAND COUNTIES	69	30	63·0	39·0	50·4	− 2·6	71	− 1	8	+ 6	0	− 3	0·00	−0·58	41	+ 18	50	+22
Eastern 5. ENGLAND, SOUTH ..	67	33	62·0	44·6	52·9	− 2·3	76	− 9	0	− 1	0	− 3	0·00	−0·62	48	+ 16	58	+20
Western 6. SCOTLAND, WEST ..	69	33	61·7	41·4	51·0	− 0·5	66	− 1	2	+ 1	0	− 4	0·00	−1·07	43	+ 18	52	+21
Western 7. ENGLAND, N.W. ..	70	31	61·9	40·8	50·8	− 2·3	67	− 6	3	+ 2	0	− 4	0·00	−0·80	51	+ 23	62	+28
Western 8. ENGLAND, S.W. ..	67	28	61·8	44·6	52·8	− 1·7	76	− 7	0	− 1	0	− 4	0·00	−0·86	58	+ 28	70	+34
Western 9. IRELAND, NORTH ..	65	32	61·4	44·3	52·4	+ 0·2	73	+ 5	0	− 1	1	− 3	0·07	−0·72	44	+ 19	53	+24
Western 10. IRELAND, SOUTH ..	69	33	63·0	45·0	53·6	− 0·1	81	+ 4	0	− 1	0	− 4	0·00	−0·78	46	+ 17	57	+21
11. ENGLISH CHANNEL	69	48	63·4	53·4	58·2	+ 0·5	113	+ 3	0	0	0	− 4	0·00	−0·80	64	+ 28	77	+34

THE SEASON (**Autumn**).—Aggregates, &c., for the Period of 4 Weeks, September 2nd to September 29th, 1906.

0. SCOTLAND NORTH ..	89	33	*	*	*	*	319	+ 49	0	− 1	13	− 5	2·84	−1·50	144	+ 47	41	+14
Eastern 1. SCOTLAND, EAST ..	87	29	*	*	*	*	339	+ 60	7	+ 4	9	− 7	1·06	−1·57	167	+ 61	47	+17
Eastern 2. ENGLAND, N.E. ..	94	32	*	*	*	*	407	+ 74	0	− 1	7	− 6	0·66	−1·43	170	+ 35	49	+10
Eastern 3. ENGLAND, EAST ..	93	32	*	*	*	*	459	+ 79	0	− 3	9	− 4	1·42	−0·66	185	+ 46	53	+13
Eastern 4. MIDLAND COUNTIES	96	30	*	*	*	*	418	+ 73	8	+ 5	8	− 5	0·94	−1·35	155	+ 44	44	+13
Eastern 5. ENGLAND, SOUTH ..	92	33	*	*	*	*	453	+ 51	0	− 1	9	− 4	1·31	−1·05	174	+ 34	50	+10
Western 6. SCOTLAND, WEST ..	89	33	*	*	*	*	355	+ 38	2	0	8	− 8	2·08	−2·09	164	+ 52	47	+15
Western 7. ENGLAND, N.W. ..	90	31	*	*	*	*	383	+ 29	3	+ 2	8	− 7	1·29	−1·84	176	+ 58	50	+17
Western 8. ENGLAND, S.W. ..	88	28	*	*	*	*	414	+ 26	0	− 1	6	− 9	1·14	−2·13	194	+ 58	56	+17
Western 9. IRELAND, NORTH ..	78	32	*	*	*	*	364	+ 36	0	− 2	12	− 6	1·43	−1·75	144	+ 40	41	+12
Western 10. IRELAND, SOUTH ..	79	33	*	*	*	*	402	+ 38	0	− 1	9	− 6	0·99	−2·12	163	+ 38	47	+11
11. ENGLISH CHANNEL	82	48	*	*	*	*	519	+ 37	0	0	7	− 9	1·04	−1·87	210	+ 48	60	+14

THE YEAR.—Aggregates, &c., for the period of 39 Weeks, December 31st, 1905, to September 29th, 1906.

0. SCOTLAND, NORTH ..	89	8	*	*	*	*	1743	− 22	646	+ 86	186	+19	37·61	+3·47	1043	+ 55	29	+ 2
Eastern 1. SCOTLAND, EAST ..	88	11	*	*	*	*	2075	+ 42	631	+ 24	150	+ 7	22·33	−0·08	1278	+138	35	+ 4
Eastern 2. ENGLAND, N.E. ..	94	18	*	*	*	*	2557	+307	464	− 23	130	+ 2	15·00	−2·99	1418	+141	39	+ 4
Eastern 3. ENGLAND, EAST ..	93	23	*	*	*	*	2825	+216	413	−122	114	−11	15·12	−2·15	1593	+253	44	+ 7
Eastern 4. MIDLAND COUNTIES	96	18	*	*	*	*	2742	+195	494	− 51	124	− 4	15·67	−4·18	1381	+210	38	+ 6
Eastern 5. ENGLAND, SOUTH ..	92	20	*	*	*	*	2851	+ 52	351	− 40	121	− 4	16·88	−2·24	1633	+252	46	+ 7
Western 6. SCOTLAND, WEST ..	89	14	*	*	*	*	2254	+ 86	421	− 2	154	+ 3	33·27	−0·51	1291	+109	36	+ 3
Western 7. ENGLAND, N.W. ..	90	16	*	*	*	*	2473	+ 64	382	− 11	144	+ 6	24·77	+0·77	1351	+167	37	+ 5
Western 8. ENGLAND, S.W. ..	88	19	*	*	*	*	2690	+ 39	327	+ 30	140	+ 4	27·08	+0·40	1496	+172	42	+ 5
Western 9. IRELAND, NORTH ..	84	20	*	*	*	*	2261	− 46	355	− 1	184	+15	26·55	+0·19	1173	+ 86	32	+ 2
Western 10. IRELAND, SOUTH ..	81	24	*	*	*	*	2727	+ 94	264	− 1	167	+17	24·70	−4·24	1299	+ 45	36	+ 1
11. ENGLISH CHANNEL	89	27	*	*	*	*	3086	+ 23	79	− 35	135	− 7	17·74	−4·73	1708	+ 92	48	+ 3

Bright Sunshine.—For certain of the Districts the values of Bright Sunshine in this Table are based on the records from a part only of the Stations included in Table II. For certain of the Stations Mean Values are not available, and for the Districts containing these Stations the "Difference from Average" is based on the records from a smaller number of Stations than those supplying the values for "Hours Recorded."

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II.—DATA from which the SUMMARY on page 229 has been calculated.

September 23-29, 1906. Districts.	Names of Stations.	Temperature. In Degrees Fahrenheit.								Rainfall.			Bright Sunshine.			
		Highest observed.	Lowest observed.	Averages for the Week. Of Highest each day.	Of Lowest each day.	For whole of each day.	Difference of Daily Average from Mean for the Week.	Accumulated Heat for the Week (in Day-degrees). Above 42°	Below 42°	Number of Rain-Days.	Rainfall in the Week.	Difference from the Mean for the Week.	Number of Hours recorded.	Difference from the Mean for the Week.	Percentage of possible duration.	Difference from the Mean for the Week.
		°	°	°	°	°	°	Day-deg	Day-deg		Inches.	Inches.	Hrs.	Hrs.	%	%
0. SCOTLAND, N.	†Sumburgh Head (Deerness)	56	38	54·0	45·1	49·3	0·0	51	0	2	0·14	− 0·71	52·9	+ 29·8	65	+ 36
	Wick	65	35	59·9	40·6	49·8	− 0·2	60	4	0	0·00	− 0·65	*	*	*	*
	†Lairg (Strathpeffer)	70	34	67·2	38·7	52·3	+ 3·4	86	9	0	‡0·01	− 0·74	46·5	+ 21·5	57	+ 26
	Stornoway	66	42	61·1	45·4	52·9	+ 3·1	76	0	0	0·00	− 1·06	39·6	+ 15·6	48	+ 19
	Glencarron	64	39	59·1	43·6	51·0	+ 1·4	63	0	0	‡0·01	− 2·03	*	*	*	*
	Fort Augustus	62	38	59·6	42·0	50·4	− 0·5	59	0	0	0·00	− 0·94	31·5	+ 14·0	38	+ 17
	Fort William	63	40	59·6	42·4	50·6	− 1·2	60	0	0	0·00	− 1·74	*	*	*	*
1. SCOTLAND, E.	Nairn	68	35	62·6	39·6	50·6	0·0	70	7	0	‡0·01	− 0·55	58·6	—	72	—
	Aberdeen	66	36	60·7	40·0	49·9	− 1·2	64	6	0	0·00	− 0·64	62·9	+ 36·9	77	+ 45
	†Balmoral (Crathes)	64	29	61·1	32·5	46·1	− 1·4	69	27	0	0·00	− 0·74	58·5	—	71	—
	†Clathick (Balruddery)	71	35	65·2	40·8	52·4	+ 1·4	78	3	0	0·00	− 0·80	57·7	—	70	—
	†Leith (Edinburgh)	66	36	62·3	42·3	51·8	− 1·0	69	0	0	0·00	− 0·46	40·0	+ 18·2	49	+ 22
	Marchmont	66	38	62·0	41·3	51·2	+ 0·7	67	2	0	0·00	− 0·78	50·3	+ 25·8	61	+ 31
2. ENGLAND, N.E. Northern part.	†Alnwick Castle (Cockle Park)	69	36	63·1	39·3	50·6	− 0·6	72	8	0	0·00	− 0·66	53·4	—	65	—
	†Shields (Newcastle)	66	39	61·9	42·4	51·7	− 0·4	68	0	0	0·00	− 0·53	28·7	+ 8·2	35	+ 10
	Durham	64	33	59·9	38·1	48·5	− 3·3	62	11	1	0·05	− 0·52	42·0	+ 17·0	51	+ 21
	Scarborough	67	46	62·2	47·7	54·6	+ 1·4	88	0	0	0·00	− 0·60	45·5	—	56	—
	York	66	32	61·4	38·0	49·1	− 4·0	67	11	0	0·00	− 0·54	36·0	+ 11·1	44	+ 14
Southern part.	†Spurn Head (Saltburn)	62	50	60·1	51·7	55·7	+ 0·9	96	0	0	0·00	− 0·46	51·3	—	63	—
	†Lincoln (Skegness)	66	36	62·6	40·7	51·1	− 2·6	69	4	0	0·00	− 0·48	53·4	—	65	—
	†Fulbeck (Rauceby)	67	35	64·3	39·6	51·4	− 1·2	76	7	0	0·00	− 0·50	46·9	—	57	—
	(Cromer)												51·3	—	63	—
3. ENGLAND, E. Northern part.	Hillington	68	33	63·2	38·0	50·0	− 3·7	73	11	0	‡0·07	− 0·53	47·3	+ 18·7	58	+ 23
	†Yarmouth (Lowestoft)	62	42	60·1	49·0	54·3	− 0·5	86	0	1	0·01	− 0·59	53·9	—	66	—
	Geldeston	69	34	63·7	41·2	51·9	− 2·6	73	2	0	‡0·01	− 0·55	49·4	+ 16·9	60	+ 21
	(Dunmow)												50·6	—	62	—
Southern part.	Cambridge	67	32	64·0	38·0	50·4	− 4·1	76	11	0	0·00	− 0·47	46·5	+ 16·0	57	+ 20
	Felixstowe	64	40	61·0	46·9	53·6	− 0·6	81	0	0	0·00	—	56·2	—	69	—
	Clacton-on-Sea	64	47	61·0	50·1	55·3	+ 0·1	93	0	0	0·00	—	55·6	—	68	—
	Rothamsted	65	33	61·3	38·5	49·6	− 3·5	68	10	1	0·02	− 0·54	53·1	+ 22·5	65	+ 27
	†Shoeburyness (Southend)	63	38	61·6	45·9	53·4	− 2·8	80	0	0	0·01	− 0·45	56·5	—	69	—
	London, Westminster	64	39	61·7	44·7	52·8	− 1·8	76	0	0	0·00	− 0·49	29·1	+ 6·0	36	+ 7
4. MIDLAND COUNTIES. Eastern part.	Harrogate	66	40	60·3	42·6	51·0	− 0·6	63	0	0	0·00	− 0·63	37·4	—	46	—
	†Bawtry (Worksop)	68	31	62·9	37·1	49·4	− 3·6	72	14	0	‡0·01	− 0·48	30·2	+ 5·5	37	+ 7
	Nottingham	67	33	64·0	37·3	50·0	− 3·6	76	13	0	0·00	− 0·53	31·6	—	39	—
	†Colly Weston (Oundle)	69	36	65·1	39·4	51·6	− 2·2	78	7	0	0·00	− 0·54				—
	Birmingham, Edgbaston	66	40	62·1	42·4	51·8	− 1·0	69	0	0	0·00	− 0·57	35·6	—	43	—
	Oxford	66	35	63·9	39·6	51·2	− 2·9	74	7	0	0·00	− 0·53	50·5	+ 20·5	62	+ 25
Western part.	†Cheadle (Sheffield)	65	42	61·2	43·5	51·9	+ 0·3	69	0	0	0·00	− 0·67	26·6	—	32	—
	Shrewsbury	67	30	63·4	33·3	47·6	− 6·0	76	24	0	0·00	—	*	*	*	*
	Hereford	66	30	63·0	35·0	48·3	− 4·7	74	20	0	0·00	− 0·55	*	*	*	*
	Cirencester	65	36	62·7	40·0	50·8	− 2·0	70	6	0	0·00	− 0·65	57·9	+ 28·9	71	+ 35
	Bath	66	34	64·0	39·1	51·0	− 2·6	75	8	0	0·00	− 0·65	56·1	—	68	—
	(Margate)												51·2	+ 20·2	62	+ 25
5. ENGLAND, S.	Kew	65	37	61·2	42·3	51·3	− 3·3	65	0	0	‡0·01	− 0·50	29·2	+ 0·7	36	+ 1
	Wisley, Surrey	64	33	61·1	38·2	49·1	− 5·4	66	11	0	‡0·03	—	34·7	—	42	—
	†Swarraton (Ventnor)	64	33	61·8	38·1	49·4	− 3·6	68	11	0	‡0·04	− 0·61	53·4	+ 17·6	64	+ 21
	Tunbridge Wells	65	40	61·7	43·4	52·1	− 2·0	71	0	0	0·00	− 0·64	44·7	+ 12·2	55	+ 15
	†Dungeness (Littlestone)	64	46	62·0	50·4	55·9	− 0·5	97	0	0	0·00	− 0·60	49·6	—	61	—
	Hastings	65	45	62·6	48·0	55·0	− 0·8	91	0	0	‡0·01	− 0·69	58·3	+ 23·5	70	+ 28
	Southampton	67	42	65·2	44·6	54·4	− 1·6	87	0	0	0·00	− 0·66	50·6	+ 17·5	62	+ 21
	†Portland Bill (Worthing)	62	49	60·6	51·7	55·9	− 0·8	97	0	0	0·00	—	58·4	—	70	—
	(Eastbourne)												63·6	+ 29·5	77	+ 36
6. SCOTLAND, W.	†Laudale, (Oban)	67	37	61·9	44·5	52·8	+ 1·1	76	0	0	‡0·03	− 1·68	52·9	—	65	—
	Glasgow	62	38	58·9	44·3	51·3	+ 0·3	65	0	0	0·00	− 0·89	31·6	+ 11·0	39	+ 13
	Dumfries	69	33	65·6	39·5	51·9	+ 0·1	80	7	0	0·00	− 0·83	*	*	*	*
	Cally	63	33	61·4	39·1	49·7	− 1·6	66	8	0	0·00	− 1·00	*	*	*	*
	Douglas, Isle of Man	64	37	60·5	39·4	49·5	− 2·5	63	7	0	0·00	− 0·93	54·1	+ 24·1	66	+ 29
7. ENGLAND, N.W.	Aspatria	65	38	61·1	41·0	50·6	− 0·3	64	3	0	0·00	− 0·92	56·5	—	69	—
	Newton Rigg	66	31	60·5	34·6	46·9	− 3·7	65	21	0	0·00	− 0·76	51·0	+ 25·7	62	+ 31
	Stonyhurst	60	38	57·9	41·0	49·0	− 3·3	53	3	0	0·00	− 1·05	41·4	+ 15·0	51	+ 18
	Blackpool	65	36	61·8	38·3	49·5	− 3·8	68	10	0	0·00	− 0·83	50·2	+ 23·7	61	+ 29
	Manchester, Prestwich	68	38	62·9	40·6	51·2	− 0·9	70	4	0	0·00	− 0·84	37·3	+ 14·8	46	+ 18
	†Liverpool Obs. (Hoylake)	64	42	60·9	44·3	52·2	− 1·7	71	0	0	0·00	− 0·71	49·2	—	60	—
	†Hawarden Bridge (Southport)	66	34	63·2	39·3	50·7	− 3·3	72	8	0	0·00	− 0·58	50·2	—	61	—
NORTH WALES	Llandudno	67	44	63·0	44·7	53·4	− 1·8	80	0	0	0·00	− 0·70	61·5	+ 35·1	75	+ 43
	†Holyhead (Aberdovey)	63	44	61·7	46·4	53·7	− 1·1	82	0	0	0·00	− 0·77	60·6	—	74	—
	Bettws-y-Coed	70	36	65·9	37·9	51·2	− 3·2	82	11	0	0·00	—	53·3	—	65	—
SOUTH WALES	Llangammarch Wells	64	28	60·9	33·0	46·3	− 5·9	68	25	0	0·00	—	46·7	—	57	—
	Pembroke	63	44	60·7	47·6	53·8	− 1·3	83	0	0	0·00	− 0·77	53·3	+ 22·8	65	+ 28
	†Cardiff (Aberystwyth)	66	36	63·2	42·9	52·6	− 1·7	74	0	0	0·00	− 0·95	61·5	—	75	—
8. ENGLAND, S.W.	†Clifton (Torquay)	67	40	63·6	44·2	53·4	− 1·8	80	0	0	0·00	− 0·74	59·8	+ 26·8	72	+ 32
	†Shaftesbury (Marlborough)	63	43	59·4	45·6	52·2	− 1·4	71	0	0	0·00	− 0·73	41·2	+ 14·2	50	+ 17
	†Arlington (Newquay)	65	38	61·4	44·0	52·3	− 1·3	72	0	0	‡0·01	− 1·16				
	Cullompton	67	37	64·0	42·2	52·6	− 1·9	74	0	0	0·00	− 0·74	53·0	+ 23·5	64	+ 28
	Plymouth	65	45	63·2	49·7	56·1	+ 0·2	99	0	0	0·00	− 0·77	64·7	+ 32·5	78	+ 39
	Falmouth	62	48	60·2	51·8	55·8	+ 0·1	97	0	0	0·00	− 0·97	67·0	+ 34·0	81	+ 41
9. IRELAND, N. Western part.	Malin Head	65	46	60·6	48·1	54·1	+ 1·3	85	0	0	0·00	− 0·70	*	*	*	*
	Edenfel	65	36	61·3	40·6	50·5	− 0·1	65	4	0	0·00	− 0·83	*	*	*	*
	Blacksod Point	65	46	61·3	48·7	54·7	+ 0·7	89	0	1	0·41	− 0·63	*	*	*	*
	Markree Castle	65	34	62·2	42·3	51·8	+ 0·4	69	0	0	0·00	− 0·90	41·8	+ 18·3	51	+ 22
Eastern part.	Armagh	65	32	62·8	41·2	51·5	+ 0·3	70	2	0	‡0·02	− 0·64	45·1	+ 20·3	55	+ 25
	Donaghadee	65	40	60·0	44·6	51·9	− 0·9	69	0	0	0·00	− 0·64	*	*	*	*
10. IRELAND, S. Eastern part.	†Dublin, City (Phœnix Park)	63	41	61·1	45·5	52·9	− 0·9	76	0	0	0·00	− 0·55	43·6	+ 13·4	53	+ 16
	Kilkenny	65	33	63·0	39·1	50·5	− 2·6	72	8	0	0·00	− 0·63	*	*	*	*
	Waterford	68	38	66·1	44·0	54·5	+ 1·0	88	0	0	0·00	− 0·77	*	*	*	*
Western part.	Birr Castle	67	36	64·1	40·9	51·9	− 0·5	74	3	0	0·00	− 0·63	44·4	+ 17·1	54	+ 21
	Foynes	? 61	42	? 56·5	45·1	50·5	− 2·7	60	0	1	0·01	− 0·73	*	*	*	*
	Killarney	69	41	67·1	47·6	56·9	+ 2·9	104	0	0	0·00	− 0·97	*	*	*	*
	Valencia	67	42	64·6	47·9	55·9	+ 1·1	97	0	0	0·00	− 1·10	48·1	+ 20·1	59	+ 25
	†Roches Point (Ballinacurra)	63	46	61·6	50·1	55·6	+ 1·0	95	0	2	0·03	− 0·82	49·1	—	60	—
11. ENGLISH CHANNEL	Scilly, St. Mary's	62	53	61·1	54·4	57·6	+ 0·8	109	0	0	0·00	− 0·76	63·4	+ 28·7	76	+ 35
	†Jersey, St. Aubins (St. Heliers)	69	48	64·0	51·7	57·6	− 0·9	109	0	1	0·02	− 0·78	63·5	+ 26·1	77	+ 31
	Guernsey	68	52	65·0	54·2	59·3	+ 1·6	121	0	0	0·00	− 0·85	64·6	+ 29·1	78	+ 35

Information for Stations marked ℳ is supplied by the Royal Meteorological Society, and that for Stations marked 𝒮 is supplied by the Scottish Meteorological Society.

* An Asterisk is inserted in all places for which the information is not usually given.

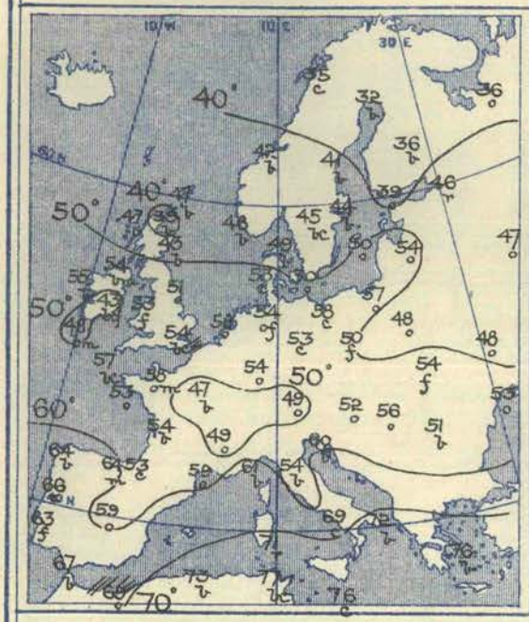
† There is no Sunshine Recorder in use at this Station. The figures entered for Sunshine are those recorded at a Station in the same district of which the name is given in brackets.

‡ Dew or mist.

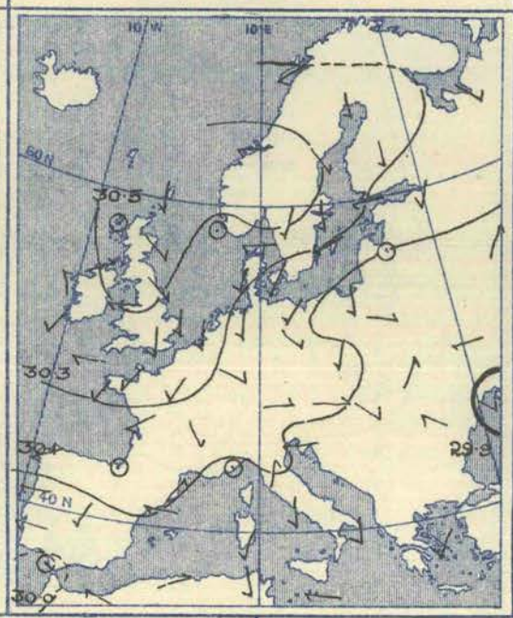
Additional Sunshine Totals for the week: Ramsgate, 52·7 hrs., 64 %; Brighton, 53·8 hrs. (+19·0), 65 % (+ 23 %); Bournemouth, 58·2 hrs., 70 %; Bognor, 58·1 hrs., 70 %; Rhyl, 59·9 hrs., 73 %; Tenby, 61·7 hrs. (+ 30·3), 75 % (+ 37 %).

Sunday, 23rd September, 1906.

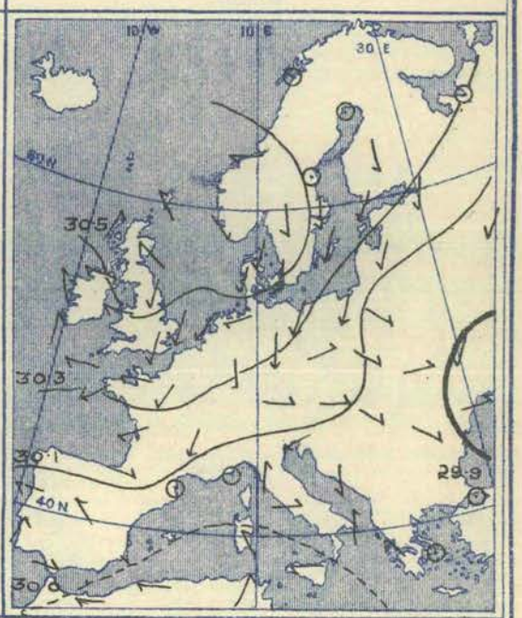
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fair or fine in most parts of these Islands, Scandinavia, and Southern Europe; cloudy or overcast over central Europe, the Netherlands, and the extreme north-east of France, with rain at Cape Griz Nez and Memel. Fog prevailing at Holyhead and Birr Castle, as well as at some scattered stations on the Continent. Rain falling later in many German localities and also at Turin and Alicante and a few very slight showers in the south-east of England.

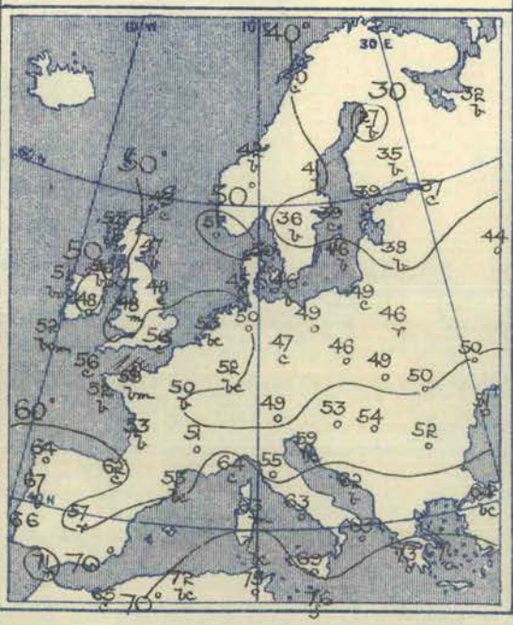
TEMPERATURE fallen in the western and northern countries, changed irregularly elsewhere. Readings in morning ranging from about 50° in most parts of the United Kingdom and Central Europe to 32° at Haparanda and to above 70° in the extreme south of our area. Highest values, 77° at La Calle and 76° at Athens. Rising subsequently to 93° at Tunis, 86° at Athens, and to above 80° in some other southern regions. Maxima below 60° in various parts of the British Islands, Austria, and Germany.

WIND in morning light and variable in Ireland and Scotland, but between North and North-East over the north-western and northern countries generally. A fresh gale blowing at Wisby and a fresh breeze at Copenhagen and Cape Griz Nez; little force elsewhere. Light variable airs prevailing over the south and south-east of our area. Little change later as a whole, but gale subsiding at Wisby and wind increasing to a fresh gale at NeuFahrwasser.

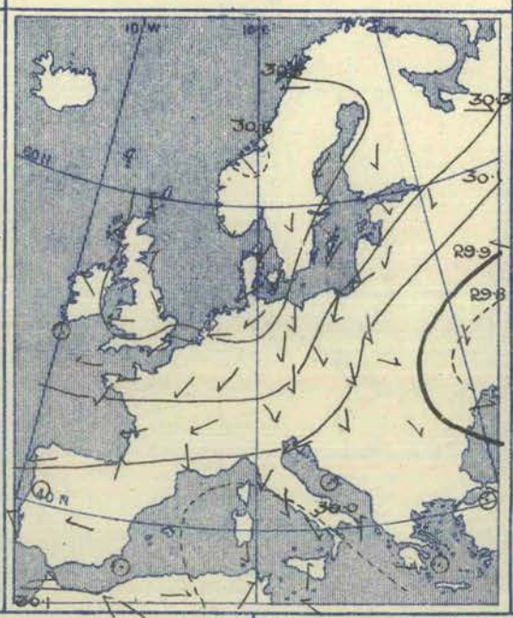
BAROMETER at 8 a.m. above 30·4 ins. to 30·5 ins. and upwards in a vast anticyclone covering almost the whole of our Islands and Scandinavia; below 30·0 ins. over Algeria and the southern half of Spain, and less than 29·9 ins. in a depression over the Black Sea. Gradients slight except over the Baltic. No change later in the general distribution of pressure; barometer falling somewhat over the Mediterranean and the south of Russia.

Monday, 24th September, 1906.

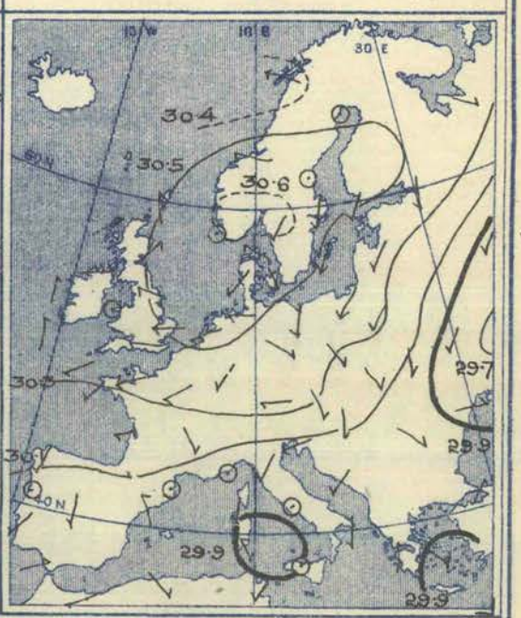
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. dull in many parts of Russia and its immediate neighbourhood, but very fair or fine over our area as a whole. Rain falling later at Blacksod Point, in Sweden and the north of Norway, as well as in some Russian and Italian localities. Heaviest amount, 1·3 in. at Bodö.

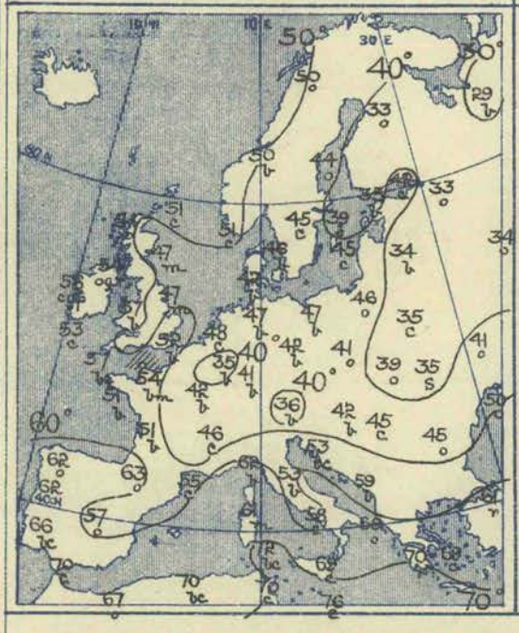
TEMPERATURE changed irregularly. Readings in morning highest, 81° at Sfax, 76° at Malta, and above 70° at some other stations in the far south. Lowest, 27° at Uleaborg, 32° at Archangel, and below 40° in many other northern regions. Maxima during day, below 60° throughout the central countries, the Netherlands, and in several parts of our Islands, but above 70° at some French stations, above 75° in Italy, and above 80° at Palermo and Cagliari and on the north coast of Africa. Thermometer rising to 97° at Sfax.

WIND in morning showing a vast anticyclonic movement over the greater portion of our area light variable airs over the Mediterranean, and light or moderate cyclonic breezes over Russia. Northerly and North-Easterly currents blowing freshly on some parts of our south-east coast and over North Germany, but very little force as a whole. Scarcely any change taking place during the ensuing twenty-four hours.

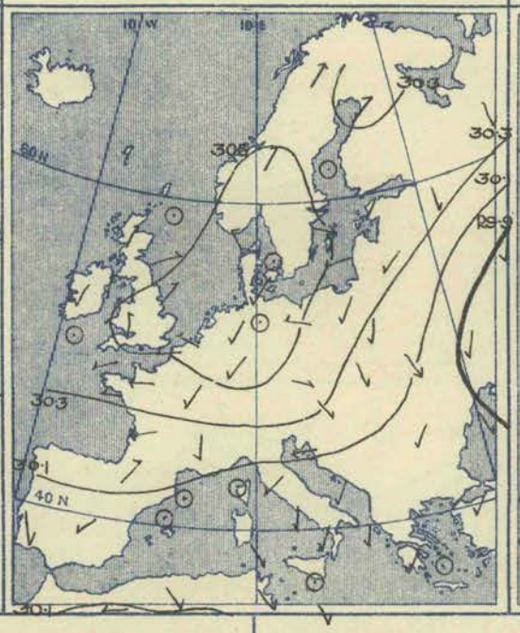
BAROMETER above 30·5 ins. in the central space of a very extensive anticyclone covering the north-west of our area; readings decreasing to below 30·0 ins. in a large shallow depression over the Mediterranean, and to less than 29·7 ins. in a disturbance over Little Russia. No change of importance later in day; Mediterranean depression increasing somewhat in depth.

Tuesday, 25th September, 1906.

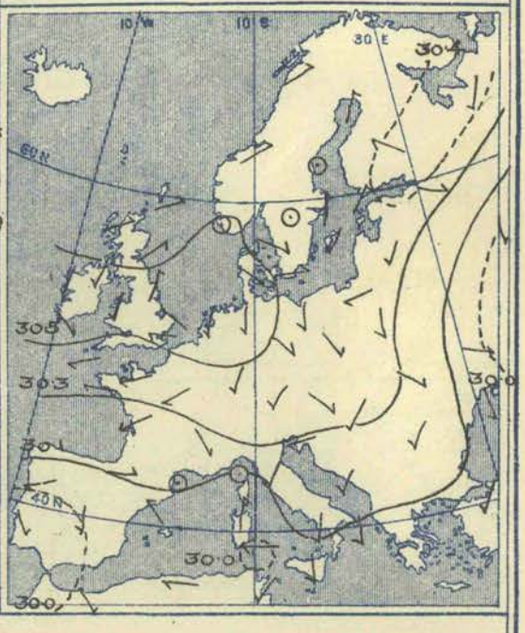
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. dull in the extreme north of our area and at many stations in central Europe and Russia, and also in the north of Ireland, rainy in the last mentioned region and at Patras and Constantinople, and snow falling at Lemberg. Fine and dry elsewhere. Slight rain experienced later in Sweden and as much as an inch at Madrid and Swinemünde.

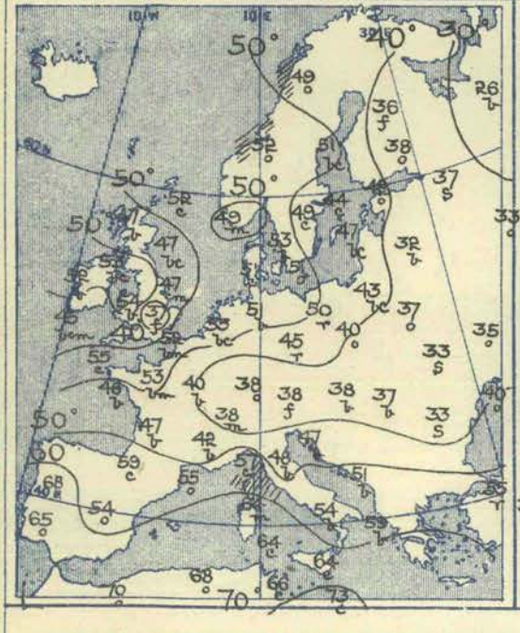
TEMPERATURE fallen generally, risen in Scandinavia and at some of our own western stations. Readings in morning below the freezing point in the far north of Russia, 34° at Moscow and Riga, and 36° at Munich; below 50° in many parts of our Islands and over the major portion of the Continent, but above 70° at most stations on the shores of the Mediterranean and above 70° in places. Highest values, 77° at Sfax and 76° at Malta. Maxima during day only about 50° in various parts of Germany and Austria, and below 60° in several British localities. Thermometer rising to above 70° in the south of France and in Italy and Algeria, and to 88° at Sfax.

WIND in morning showing a vast anticyclonic circulation over the greater part of Europe, but a partial cyclonic movement over Russia, as well as in the north of Scandinavia. No change later except some increase of force of the Easterly breeze on our southern coasts and over France.

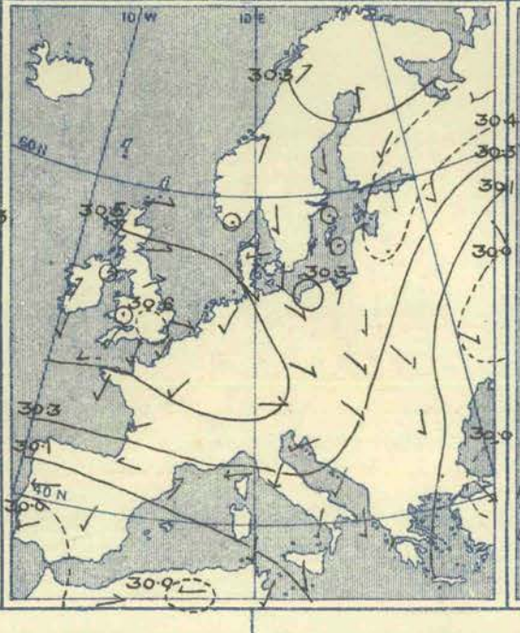
BAROMETER in morning 30·4 ins. to above 30·5 ins. in an anticyclone from beyond the west of Ireland to the White Sea. Readings relatively low over the Mediterranean and the Spanish Peninsula, and as low as 29·7 ins. in a depression in the south of Russia. A modification in the distribution on the Continent occurring later through a decided fall of the mercury over the Baltic and the Baltic Provinces of Russia. Depression in the south of Russia travelling beyond our area to the eastward.

Wednesday, 26th September, 1906.

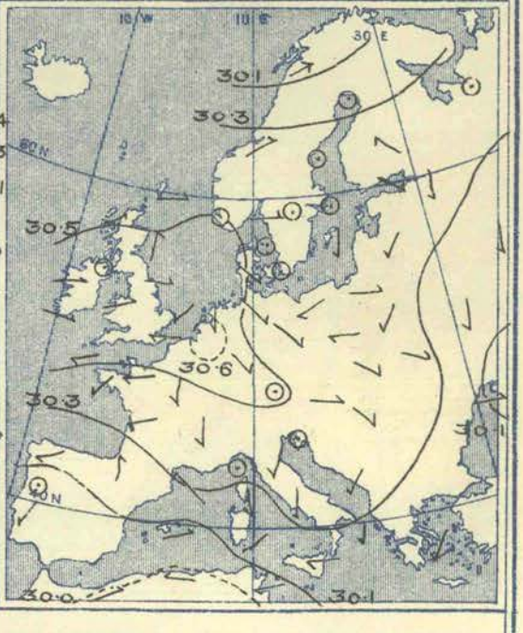
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fair or fine generally, but foggy over Central England and at Munich, and overcast in various parts of the Spanish Peninsula, Central Europe, and Russia, with rain or snow in some of the latter regions. Rain also falling at Constantinople. Considerable quantities of rain later at Bodö, Vienna, and at some stations on the shores of the Mediterranean, more than 1·5 in. at Kharkoff, and as much as 2·2 ins. at Nicolaieff.

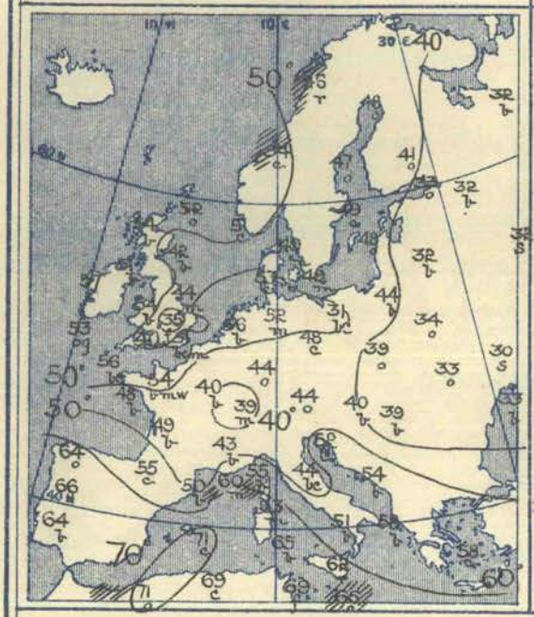
TEMPERATURE risen in Sweden, Denmark, and the Low Countries, changed little or fallen as a whole. Readings in morning as low as 26° at Archangel, and less than 40° in central England and in many inland regions of the Continent. Above 60° in the far south of our area and above 70° in a few places. Rising subsequently to 81° at Palma and Aumale and to above 70° in the south-west of France and in the chief Islands of the Mediterranean; remaining below 50° in various parts of Central Europe, and only touching 61° at Naples. Maxima a little above 60° at most of our own stations.

WIND in morning anticyclonic very generally, but a small cyclonic circulation prevailing over the southern portion of the Baltic and partial cyclonic movements in the far north, south-east, and south-west of our area. Scarcely any force beyond a moderate breeze. A very strong North-East breeze setting in later at Athens, but little change of a general character.

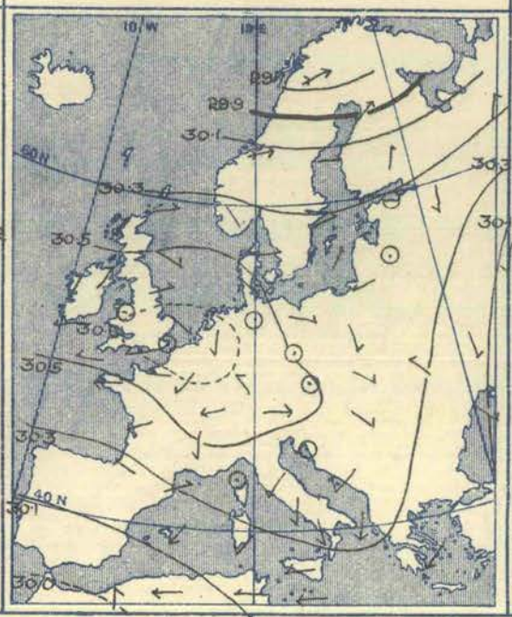
BAROMETER in morning above 30·5 ins. in a large high pressure system extending from beyond the west of our Islands to Bavaria. Relatively low in a small depression centred near Bornholm, and below 30·0 ins. in larger disturbances in the south-east and south-west of Europe. Baltic depression apparently moving southwards during day and a large disturbance causing a decided fall of the mercury in the north of Scandinavia. Not much change in the general distribution of pressure.

Thursday, 27th September, 1906.

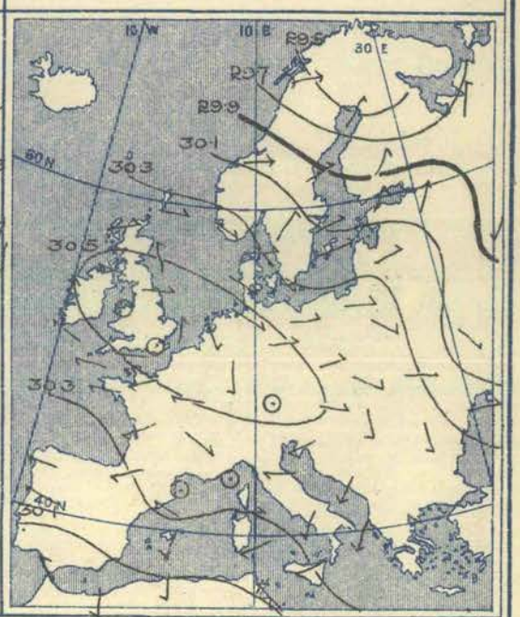
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine and bright over our area as a whole, but foggy or misty over our inland counties, dull in many parts of Scandinavia and Russia, with rain at Bodö and snow at Kieff and Moscow. Continuing very fine generally, but 1·4 in. of rain falling at Christiansund and considerable rain or snow in Little Russia.

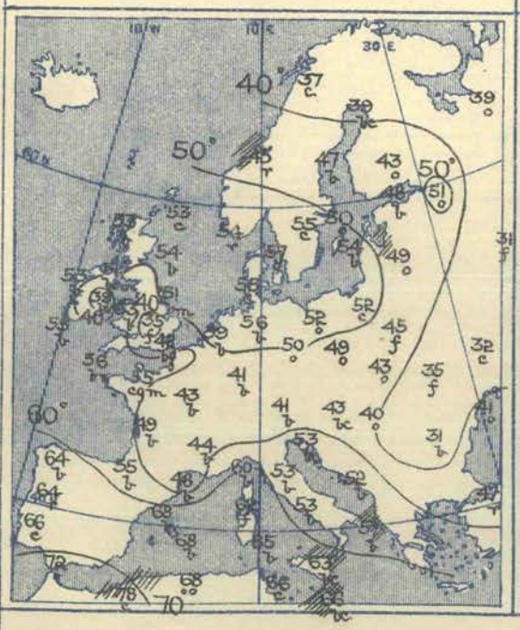
TEMPERATURE risen at some of our own western and northern stations, fallen or changed little elsewhere. Readings in morning varying a good deal in the same locality; below 50° in most places, including those in the northern half of Italy, and below 40° over central England and in various regions on the Continent. Lowest value reported, 30° at Kieff. Thermometer above 80° in the extreme south of our area, and as high as 71° at Palma and Oran. Maxima during day, 82° at San Fernando, 81° at Rochefort, above 70° at many southern stations, and 70° at Bettws-y-Coed. Below 50° in some districts of central Europe and no higher than 57° at Constantinople.

WIND in morning blowing a strong or fresh gale from West or South-West along the west coast of Norway and a moderate or fresh breeze from the same quarters over northern Europe generally. A very extensive cyclonic circulation prevailing over the major portion of our area. No change of importance later in day; gale continuing in Norway.

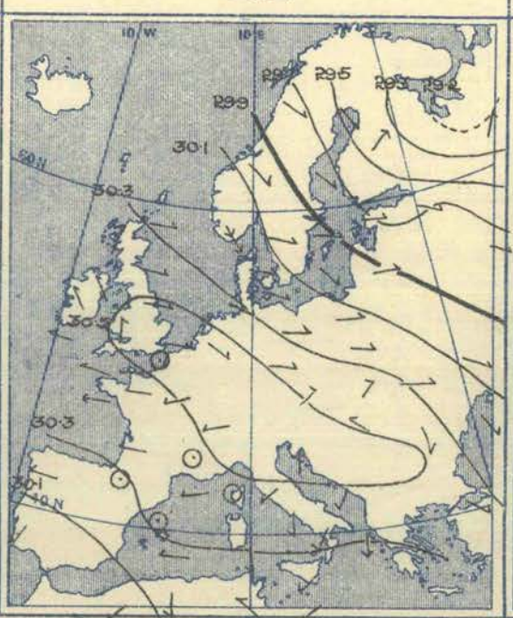
BAROMETER at 8 a.m. ranging from above 30·6 ins. in a very large anticyclone having its maximum over England and the adjacent parts of the Continent, to below 30·1 ins. over Algeria and the south of Spain and also in the south-east of Russia, and to below 29·7 ins. in a large and deep depression having its centre some distance to the northward of Bodö. Gradients rather steep over Scandinavia. High pressure system giving way slightly later, northern disturbance travelling eastwards and barometer falling decidedly over the northern regions of Sweden and Russia. Little modification occurring in the general distribution of pressure.

Friday, 28th September, 1906.

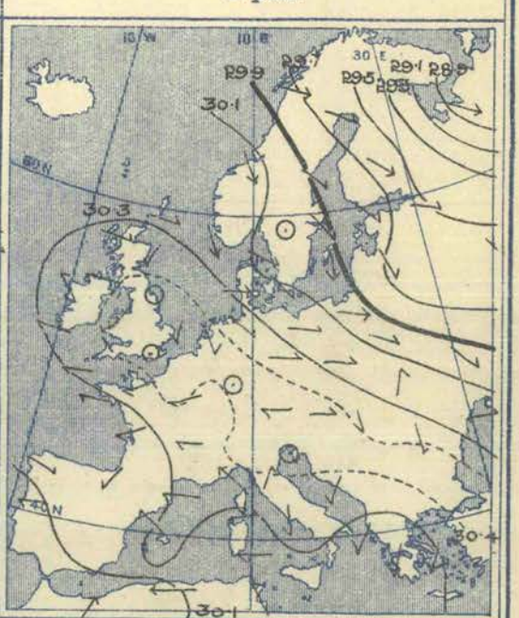
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER in morning foggy in several parts of England, rainy at Oporto and on the west coast of Norway, and overcast, with fog in places, in various districts in Central Europe and Russia. Very fine and bright elsewhere. Fog clearing later; rain falling at several of the Austrian stations, and very heavily in Algeria.

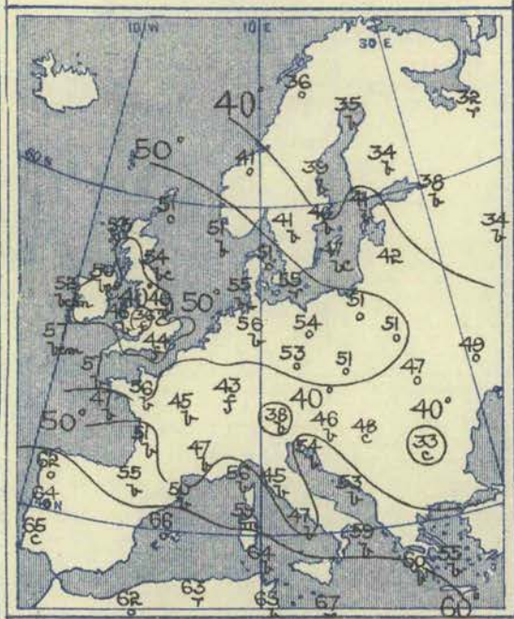
TEMPERATURE changed very irregularly over the United Kingdom, fallen in the north of Scandinavia, risen in most other regions. Readings in morning as low as 31° at Moscow and Hermanstadt, 32° at Kieff, and 35° at Nottingham; below 50° in various patches elsewhere, but as high as 60° at Dungeness, above that point at many stations on the shores of the Mediterranean, and as high as 72° at San Fernando and 78° at Oran. Rising during day to 65° or slightly above it in many parts of the United Kingdom; exceeding 70° in the west and south of France, and exceeding 75° in Algeria and Tunis.

WIND in morning showing an anticyclonic movement over our Islands and the major portion of the Continent and moderate to very strong breezes from the North-Westward or Westward over Scandinavia and the Baltic, with a gale at Skudesnaes. A very strong wind from North also prevailing at Brindisi, and fresh or strong Easterly breezes on the coast of Brittany. No important change occurring during day.

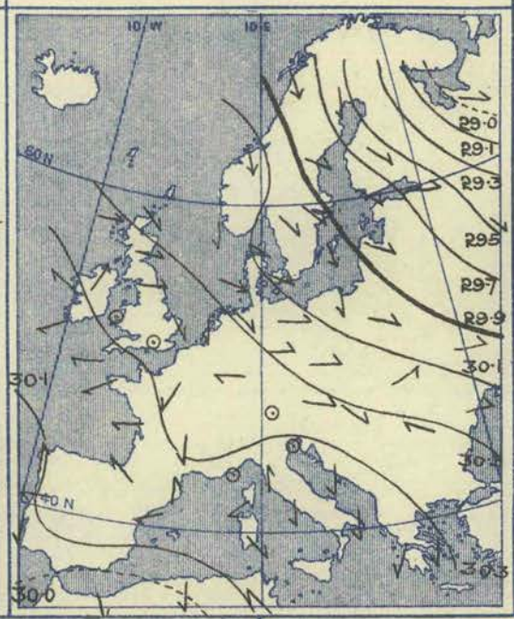
BAROMETER in morning above 30·5 ins. in an anticyclonic band extending from the east of Ireland to Transylvania; below 30·1 ins. over the southern half of the Spanish Peninsula and the nearer parts of Africa, and below 29·2 ins. in a depression having its minimum over the White Sea. Gradients very slight within the anticyclonic region, rather steep over the north of Europe. Depression over White Sea increasing in depth later and moving south eastwards; position of anticyclone remaining practically unchanged.

Saturday, 29th September, 1906.

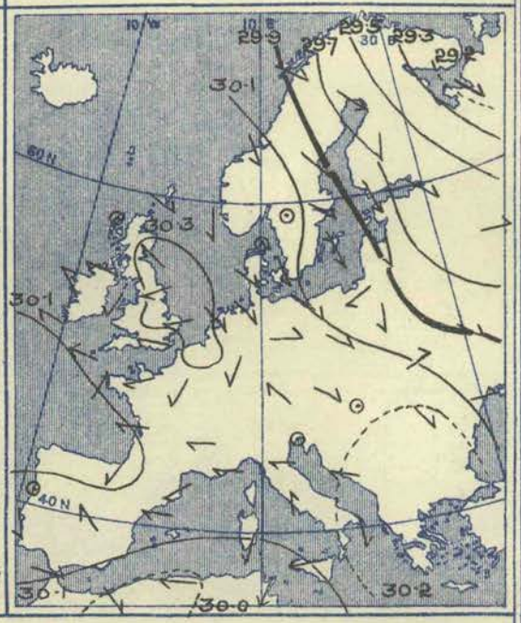
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER in morning fair to very fine and cloudless over an extensive region, but much mist or fog at many of our home stations and between Havre and Frankfort, raining at Archangel, Copenhagen, and on the southern side of the Mediterranean. Becoming much clearer over the British Isles dur ng the day, but rain falling at various places in eastern and northern Europe and in North Africa; largest amounts measured, 1·6 in. at Aumale and Oran, an inch at Algiers, 0·8 in. at Tunis, and 0·6 in. at Christiansund.

TEMPERATURE at 8 a.m. risen over the southern parts of these Islands and thence across Central Europe to southern Russia, fallen generally to north and south of this region. Morning readings ranging from 70° at Bilbao, 67° at Malta, 66° at Barcelona, and 65° at Lisbon, to below 50° over the greater part of Europe, 38° at Bodö and Nottingham, 35° at Haparanda, 34° at Kuopio, 33° at Hermanstadt, and 32° at Archangel. Rising later to 82° at Algiers and Laghouat, 79° at Biarritz, and 78° at Bordeaux and Limoges; in these Islands to 69° at Jersey and above 60° in most places, but only to 53° in the Shetlands; remaining below 50° at some stations in northern Europe, 41° at Haparanda and 39° at Bodö.

WIND throughout the day Northerly to Westerly on the northern side of a line drawn from the Hebrides to Asia Minor, and mainly Easterly to South-Easterly on the southern side. As a rule, the force was moderate to very light, calm in many localities, but fresh or strong winds were experienced in various parts of northern Europe and on the southern side of the Mediterranean; a fresh gale at Wisby.

BAROMETER in morning above 30·3 ins. in an elongated space extending from beyond our north-western coasts in a south-easterly direction to Asia Minor, below 29 ins. on the White Sea, and below 29·9 ins. in western Algeria. During the day the high pressure slowly diminishing in intensity, while in the Arctic and North African depressions the mercury rose a little.

IV.—TEMPERATURE on the Grass, and in the Ground.

	STATION.	Grass Min. No. of Obs. of 30° or less.	Grass Min. Lowest reading.	Mean Earth Temp. At 1 foot.	Mean Earth Temp. At 4 feet.
			°	°	°
2.	York	—	—	54·2	56·2
2.	Hull	2	30	52·7	56·1
3.	Cambridge	3	29	—	—
3.	Dunmow	1	27	—	—
4.	Harrogate	0	32	52·7	54·0
4.	Sheffield	0	34	53·1	55·5
4.	Birmingham	4	21	52·0	54·3
4.	Nottingham	3	29	50·3	58·0
5.	Kew	1	30	54·2	57·8
5.	Canterbury	0	26	56·0	59·5
5.	Portsmouth	0	40	56·9	60·1
6.	Glasgow	0	31	—	—
7.	Newton Rigg	6	25	50·7	54·9
7.	Bettws-y-Coed	0	35	49·0	53·6
7.	Manchester (Oldham Road)	0	33	53·6	58·1
8.	Llangammarch Wells	5	23	53·6	55·5
8.	Bath	—	—	57·1	60·1
8.	Plymouth	0	40	56·9	—
9.	Armagh	2	27	55·3	56·7
9.	Markree	1	30	—	—
10.	Dublin, Trin. Coll.	0	31	55·2	56·7
11.	Guernsey, Brooklyn	0	44	58·9	60·7

V.—OBSERVATIONS IN THE UPPER AIR.—Temperature, Humidity and Wind Velocity.

Date of Observation.	Station and its Height above M.S.L.		Heights in feet above Mean Sea Level. Ground Level.	1,660.	3,320	5,000.	6,660.	8,320.	10,000.	Remarks
1906. September 23rd, 6.30 p.m. to 8.15 p.m.	Brighton, 380 ft.	Temperature F. Humidity Wind Velocity, m. per hr.	54° 80% NE, 10	49° 85% ENE, 25						Night record.—7 ft. kite, 5,000 ft. wire. Greatest height, 2,445 ft. Temp., 47°. Humidity, 90%.
September 24th, 2.37 p.m. to 3.38 p.m.	Ditcham Park, Petersfield, 400 ft.	Temperature F. Humidity Wind Velocity, m. per hr.	59° 70% ENE, 28	52° 75% E by N, 30	46° 90% E by N, 30					One 9 ft. kite. Wire, 5,400 ft. Max. height, 3,800 ft. Temp., 42°. Humidity, 100%. Wind, fitful. Strato cumulus. Cloud level not reached.
September 24th, 2.40 p.m. to 5.40 p.m.	Oxshott, 200 ft.	Temperature F. Humidity Wind Velocity, m. per hr.	56° 60% ENE 16	50° 68% ENE, 25	43° 85% ENE, 28	[37° 100% ENE, 28]				One 9 ft. kite, 6,300 ft. wire. Max. height, 4,500 ft. Cloud level, 4,000 ft.
September 25th, 11.56 a.m. to 1.0 p.m.	Oxshott, 200 ft.	Temperature F. Humidity Wind Velocity, m. per hr.	58° 55% NE by E, 13	50° 65% —						One 9 ft. kite, 3,100 ft. wire. Max. height, 2,300 ft. Temp., 47°. Anemometer pen failed. Height limited by failure of wind.
		Temperature F. Humidity Wind Velocity, m. per hr.								
		Temperature F. Humidity Wind Velocity, m. per hr.								
		Temperature F. Humidity Wind Velocity, m. per hr.								
		Temperature F. Humidity Wind Velocity, m. per hr.								

63, Victoria Street, London, S.W. *October 3rd, 1906.*

W. N. SHAW *Director.*

ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE,

AND PUBLISHED FOR H.M. STATIONERY OFFICE BY WYMAN AND SONS, LTD., FETTER LANE, E.C., AND 32, ABINGDON STREET, WESTMINSTER, S.W.; OR OLIVER AND BOYD, EDINBURGH; OR E. PONSONBY, 116, GRAFTON STREET, DUBLIN.

TWENTY-NINTH YEAR. Vol. XXIII. (New Series.) } No. 40. FORTIETH WEEK, ENDING SATURDAY, OCTOBER 6TH, 1906. [Price 6d. Annual Subscription post paid £1 10s. 0d.

I.—GENERAL REMARKS.

Weather was cloudy and unsettled over the Kingdom generally, but many very fair intervals were experienced in the most southern and south-eastern districts. Thunderstorms passed over some stations in the north-west and north-east of England on Monday evening or during the ensuing night.

Temperature was above the average, the excess amounting to about 4° in several parts of England and to a little more than 5° in England E. The highest of the maxima were registered early in the week, and ranged from 70° at various stations in many parts of the Kingdom to 66° in Ireland N. The lowest of the minima, which were also recorded early in the week, ranged from 29° in Scotland E. (at Balmoral) and 31° in Scotland N. and the Midland Counties (at Fort Augustus and Shrewsbury) to 39° in England S. and to 52° in the English Channel.

Rainfall was below the average in Scotland, the north of Ireland, and the English Channel, but above it elsewhere, in most districts the excess was large, especially in the Midland Counties and England S.W.

Bright Sunshine was deficient throughout the whole Kingdom, but only slightly so in the south and east of England, the percentage of the possible duration ranged from 37 in England S., 34 in England E., and 31 in the English Channel to 16 in England N.W. and Ireland N. and to 14 in Scotland W.

Barometer and Wind.—At the commencement of the week the distribution of pressure was mainly anticyclonic, and the winds over our Islands light from between South and South-East or East. By Monday, however, the high-pressure system had receded to the Continent, and during the remainder of the week the United Kingdom was under the influence of depressions from the Atlantic. Few of these systems travelled directly across these Islands, but on Tuesday a small, deep, and well-defined minimum moved quickly eastwards over the southern counties of England. The passage of this disturbance was accompanied by strong Southerly and South-Westerly winds and gales on many parts of our south-western and southern coasts, but as a rule the wind was never stronger than a fresh breeze.

SUMMARY OF TEMPERATURE, RAINFALL, AND DURATION OF BRIGHT SUNSHINE IN THE UNITED KINGDOM, FOR AGRICULTURAL AND SANITARY PURPOSES.

THE WEEK (40th)—September 30th to October 6th, 1906.

DISTRICTS. (See p. 236.)	Temperature. Highest.	Lowest.	Means of Daily Max.	Daily Min.	Daily Mean.	Difference from Av. (35 Yrs.)	Accumulated. Number of Day-Degrees. Above 42°	Difference from Av. (25 Yrs.)	Below 42°	Difference from Av. (25 Yrs.)	Rainfall. Number of Rain-Days.	Diff. from Av. (35 Yrs.)	Total Fall.	Difference from Average (35 Yrs.)	Sunshine. Hours recorded.	Diff. from Av. (25 Yrs.)	Percentage of Possible Duration	Diff. from Av. (25 Yrs.)
	°	°	°	°	°	°	Day-deg.	Day-deg.	Day-deg	Day-deg.			Inches.	Inches.			%	%
0. SCOTLAND, NORTH ..	70	31	57·6	44·9	51·0	+ 2·2	63	+ 17	0	− 3	4	− 1	0·28	−0·90	16	− 5	20	− 6
Eastern 1. SCOTLAND, EAST ..	68	29	59·6	44·1	51·7	+ 2·4	68	+ 19	0	− 4	4	0	0·46	−0·23	18	− 5	23	− 6
Eastern 2. ENGLAND, N.E. ..	70	35	62·3	48·6	55·2	+ 3·9	92	+ 33	0	− 2	4	0	0·87	+0·28	17	− 11	21	−14
Eastern 3. ENGLAND, EAST ..	70	37	64·5	52·1	58·1	+ 5·1	113	+ 43	0	− 3	3	0	0·92	+0·35	27	− 3	34	− 4
Eastern 4. MIDLAND COUNTIES	70	35	63·0	49·0	55·8	+ 4·2	97	+ 34	0	− 4	4	+ 1	1·51	+0·90	13	− 11	17	−13
Eastern 5. ENGLAND, SOUTH ..	69	39	64·3	51·7	57·8	+ 4·2	111	+ 35	0	− 2	3	0	1·05	+0·36	29	− 1	37	− 1
Western 6. SCOTLAND, WEST ..	68	35	59·7	45·8	52·6	+ 2·2	74	+ 15	0	− 3	4	0	1·00	−0·09	11	− 12	14	−15
Western 7. ENGLAND, N.W. ..	70	36	61·8	49·4	55·4	+ 3·6	94	+ 30	0	− 1	5	+ 1	1·28	+0·42	13	− 10	16	−13
Western 8. ENGLAND, S.W. ..	68	34	62·3	51·7	56·9	+ 3·7	104	+ 30	0	− 1	6	+ 2	2·45	+1·54	14	− 14	17	−17
Western 9. IRELAND, NORTH ..	66	35	59·9	47·1	53·3	+ 2·4	79	+ 20	0	− 2	5	0	0·74	−0·07	12	− 10	16	−13
Western 10. IRELAND, SOUTH ..	70	37	61·9	50·6	56·1	+ 3·6	99	+ 30	0	− 1	6	+ 2	1·43	+0·59	16	− 12	20	−16
11. ENGLISH CHANNEL	70	52	65·0	56·0	60·4	+ 3·9	129	+ 29	0	0	5	+ 1	0·71	−0·15	25	− 7	31	− 9

THE SEASON (Autumn).—Aggregates, &c., for the Period of 5 Weeks, September 2nd to October 6th, 1906.

0. SCOTLAND NORTH ..	89	31	*	*	*	*	382	+ 66	0	− 4	17	− 6	8·10	−2·40	160	+ 43	37	+10
Eastern 1. SCOTLAND, EAST ..	87	29	*	*	*	*	407	+ 79	7	0	13	− 7	1·52	−1·80	185	+ 56	43	+13
Eastern 2. ENGLAND, N.E. ..	94	32	*	*	*	*	499	+107	0	− 3	11	− 6	1·53	+1·16	186	+ 24	43	+ 6
Eastern 3. ENGLAND, EAST ..	93	32	*	*	*	*	572	+122	0	− 6	12	− 4	2·34	−0·31	212	+ 43	49	+10
Eastern 4. MIDLAND COUNTIES	96	30	*	*	*	*	515	+107	8	+ 1	12	− 4	2·45	−0·45	170	+ 33	40	+ 8
Eastern 5. ENGLAND, SOUTH ..	92	33	*	*	*	*	564	+ 86	0	− 3	12	− 4	2·36	−0·69	203	+ 33	47	+ 8
Western 6. SCOTLAND, WEST ..	89	33	*	*	*	*	429	+ 53	2	− 3	12	− 8	3·08	−2·18	175	+ 40	41	+ 9
Western 7. ENGLAND, N.W. ..	90	31	*	*	*	*	477	+ 59	3	+ 1	13	− 6	2·57	−1·42	188	+ 48	44	+11
Western 8. ENGLAND, S.W. ..	88	28	*	*	*	*	518	+ 56	0	− 2	12	− 7	3·59	−0·59	208	+ 45	49	+10
Western 9. IRELAND, NORTH ..	78	32	*	*	*	*	443	+ 56	0	− 4	17	− 5	2·17	−1·82	156	+ 30	36	+ 7
Western 10. IRELAND, SOUTH ..	79	33	*	*	*	*	501	+ 68	0	− 2	15	− 4	2·42	−1·53	179	+ 25	42	+ 6
11. ENGLISH CHANNEL	82	48	*	*	*	*	648	+ 66	0	0	12	− 8	1·75	−2·02	235	+ 41	55	+10

THE YEAR.—Aggregates, &c., for the period of 40 Weeks, December 31st, 1905, to October 6th, 1906.

0. SCOTLAND, NORTH ..	89	8	*	*	*	*	1806	− 5	646	+ 83	190	+18	37·89	+2·57	1064	+ 51	28	+ 1
Eastern 1. SCOTLAND, EAST ..	88	11	*	*	*	*	2143	+ 61	631	+ 20	154	+ 7	22·79	−0·31	1296	+133	35	+ 4
Eastern 2. ENGLAND, N.E. ..	94	18	*	*	*	*	2649	+340	464	− 25	134	+ 2	15·37	−2·72	1435	+130	39	+ 4
Eastern 3. ENGLAND, EAST ..	93	23	*	*	*	*	2938	+259	413	−125	117	−11	16·04	−1·80	1620	+250	44	+ 7
Eastern 4. MIDLAND COUNTIES	96	18	*	*	*	*	2839	+229	494	− 55	128	− 3	17·18	−3·28	1306	+199	38	+ 5
Eastern 5. ENGLAND, SOUTH ..	92	20	*	*	*	*	2962	+ 87	351	− 42	124	− 4	17·93	−1·88	1662	+251	45	+ 7
Western 6. SCOTLAND, WEST ..	89	14	*	*	*	*	2328	+101	421	− 5	158	+ 3	34·27	−0·60	1302	+ 96	35	+ 3
Western 7. ENGLAND, N.W. ..	90	16	*	*	*	*	2567	+ 94	382	− 12	149	+ 7	26·05	+1·19	1364	+157	37	+ 4
Western 8. ENGLAND, S.W. ..	88	19	*	*	*	*	2794	+ 69	327	+ 29	146	+ 6	29·53	+1·94	1510	+158	41	+ 4
Western 9. IRELAND, NORTH ..	84	20	*	*	*	*	2340	− 26	355	− 3	189	+16	27·29	+0·12	1135†	+ 75	32	+ 2
Western 10. IRELAND, SOUTH ..	81	24	*	*	*	*	2826	+124	264	− 2	173	+19	26·13	−3·65	1315	+ 32	36	+ 1
11. ENGLISH CHANNEL	89	27	*	*	*	*	3215	+ 52	79	− 35	140	− 6	18·45	−4·88	1733	+ 84	48	+ 2

† Corresponding values for some previous weeks have been altered owing to the receipt of further information.

Bright Sunshine.—For certain of the Districts the values of Bright Sunshine in this Table are based on the records from a part only of the Stations included in Table II. For certain of the Stations Mean Values are not available, and for the Districts containing these Stations the "Difference from Average" is based on the records from a smaller number of Stations than those supplying the values for "Hours Recorded."

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II.—DATA from which the SUMMARY on page 235 has been calculated.

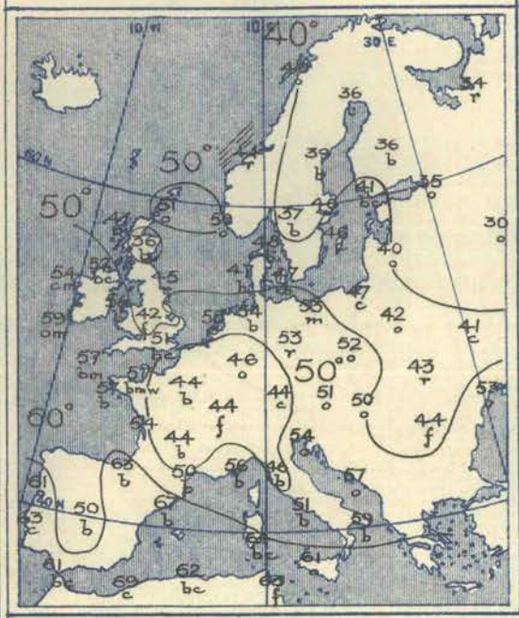
September 30-October 6, 1906.		Temperature. In Degrees Fahrenheit.								Rainfall.			Bright Sunshine.			
				Averages for the Week.			Difference of Daily Average from Mean for the Week.	Accumulated Heat for the Week (in Day-degrees).								
Districts.	Names of Stations.	Highest observed.	Lowest observed.	Of Highest each day.	Of Lowest each day.	For whole of each day.		Above 42°	Below 42°	Number of Rain-Days.	Rainfall in the Week.	Difference from the Mean for the Week.	Number of Hours recorded.	Difference from the Mean for the Week.	Percentage of possible duration.	Difference from the Mean for the Week.
		°	°	°	°	°	°	Day-deg	Day-deg		Inches	Inches.	Hrs.	Hrs.	%	%
0. SCOTLAND, N.	†Sumburgh Head (Deerness)	53	40	51·9	45·6	48·7	+ 0·4	47	0	3	0·26	− 0·64	7·2	− 14·2	9	− 18
	Wick	60	37	56·4	44·6	50·3	+ 1·4	58	0	4	0·15	− 0·52	*	*	*	*
	†Lairg (Strathpeffer) S	70	37	61·4	43·5	52·2	+ 4·7	71	0	3	0·19	− 0·61	17·6	− 5·3	23	− 7
	Stornoway	62	39	58·6	45·3	51·8	+ 3·2	69	0	5	0·40	− 0·75	20·7	− 1·3	27	− 2
	Glencarron S	62	37	59·2	44·4	51·6	+ 3·3	67	0	3	0·16	− 1·91	*	*	*	*
	Fort Augustus S	61	31	57·0	45·8	51·2	+ 1·7	64	0	3	0·21	− 0·73	17·5	+ 1·4	22	+ 2
	Fort William S	62	33	58·6	44·8	51·5	+ 0·8	67	0	5	0·58	− 1·16	*	*	*	*
1. SCOTLAND, E.	Nairn	62	30	56·3	41·1	48·5	− 0·7	49	3	4	0·13	− 0·43	16·8	—	22	—
	Aberdeen	66	37	58·7	46·0	52·2	+ 2·3	71	0	6	0·47	− 0·18	18·8	− 5·9	24	− 8
	†Balmoral (Crathes) S	67	29	58·8	39·4	48·8	+ 2·6	59	7	2	0·18	− 0·62	20·2	—	26	—
	†Clathick (Balruddery) S	67	35	61·9	44·2	52·8	+ 3·3	76	0	4	0·98	+ 0·11	16·9	—	22	—
	†Leith (Edinburgh)	64	41	60·7	47·7	54·0	+ 2·5	84	0	3	0·44	− 0·04	15·8	− 5·0	20	− 6
	Marchmont S	68	37	61·3	46·3	53·6	+ 4·4	81	0	2	0·56	− 0·21	18·9	− 3·9	24	− 5
2. ENGLAND, N.E. — Northern part.	†Alnwick Castle (Cockle Park)	68	35	62·1	44·4	53·0	+ 3·1	77	0	4	0·85	+ 0·12	19·7	—	25	—
	†Shields (Newcastle)	65	41	61·3	45·9	53·4	+ 2·5	80	0	5	0·49	− 0·08	11·6	− 7·4	15	− 9
	Durham	67	38	60·9	46·8	53·6	+ 3·3	81	0	5	0·48	− 0·17	16·7	− 6·5	21	− 8
	Scarborough M	66	50	62·2	52·2	57·1	+ 5·2	106	0	3	0·44	− 0·22	15·2	—	19	—
	York	70	44	62·2	50·1	56·0	+ 4·5	98	0	3	0·72	+ 0·15	6·6	− 16·4	8	− 21
2. ENGLAND, N.E. — Southern part.	†Spurn Head (Saltburn)	66	?47	62·3	52·3	57·2	+ 3·9	106	0	3	1·07	+ 0·53	22·8	—	29	—
	†Lincoln (Skegness)	68	37	64·3	48·6	56·2	+ 4·1	99	0	4	1·63	+ 1·11	21·5	—	27	—
	†Fulbeck (Rauceby)	68	35	63·2	48·1	55·4	+ 4·6	94	0	3	1·31	+ 0·78	14·0	—	18	—
	(Cromer)															
3. ENGLAND, E. — Northern part.	Hillington M	68	40	64·0	51·0	57·3	+ 5·1	107	0	3	0·41	− 0·23	11·8	− 14·5	15	− 18
	†Yarmouth (Lowestoft)	68	44	63·3	52·4	57·7	+ 4·5	110	0	3	1·07	+ 0·45	32·7	—	41	—
	Geldeston	70	38	65·8	50·7	58·0	+ 5·0	112	0	3	1·16	+ 0·58	30·5	+ 0·5	39	+ 1
	(Dunmow)												25·6	—	32	—
3. ENGLAND, E. — Southern part.	Cambridge	69	37	65·0	49·9	57·7	+ 4·9	110	0	3	0·71	+ 0·21	22·4	− 5·1	28	− 7
	Felixstowe	67	43	63·6	54·6	59·0	+ 6·2	119	0	2	1·21	—	37·0	—	47	—
	Clacton-on-Sea	66	49	64·0	55·1	59·4	+ 5·5	122	0	2	0·68	—	28·5	—	36	—
	Rothamsted	68	38	63·7	49·2	56·2	+ 4·6	99	0	3	1·86	+ 1·22	25·3	− 2·8	32	− 4
	†Shoeburyness (Southend)	68	46	65·1	54·0	59·4	+ 4·6	122	0	2	0·51	+ 0·04	35·0	—	44	—
	London, Westminster	70	44	65·4	52·1	58·6	+ 5·8	116	0	2	0·66	+ 0·09	26·8	+ 6·5	34	+ 8
4. MIDLAND COUNTIES. — Eastern part.	Harrogate	68	42	61·8	48·6	55·0	+ 4·8	91	0	3	0·51	− 0·17	13·3	—	17	—
	†Bawtry (Worksop)	69	37	63·6	48·7	55·9	+ 4·5	97	0	3	0·98	+ 0·44	11·6	− 10·6	15	− 13
	Nottingham	70	36	63·9	48·1	55·8	+ 3·6	97	0	4	1·25	+ 0·71	10·4	—	13	—
	†Colly Weston (Oundle)	69	40	64·0	49·3	56·4	+ 3·9	101	0	5	1·58	+ 1·02	14·3	—	18	—
	Birmingham, Edgbaston	67	45	61·7	50·2	55·8	+ 4·4	97	0	4	1·68	+ 1·08	8·9	—	11	—
	Oxford	69	40	64·1	49·3	56·5	+ 3·9	102	0	4	1·53	+ 0·96	21·2	− 6·6	27	− 8
4. MIDLAND COUNTIES. — Western part.	†Cheadle (Sheffield) M	65	45	60·3	48·8	54·4	+ 4·2	87	0	4	2·07	+ 1·35	11·4	—	14	—
	Shrewsbury	68	35	63·7	48·1	55·7	+ 3·5	96	0	3	1·20	—	*	*	*	*
	Hereford M	67	36	62·5	47·4	54·7	+ 3·2	89	0	5	1·74	+ 1·17	*	*	*	*
	Cirencester	69	43	63·1	48·5	55·6	+ 4·3	95	0	4	2·09	+ 1·42	12·2	− 14·7	15	− 19
	Bath	68	46	64·4	51·6	57·8	+ 5·7	111	0	5	1·94	+ 1·28	16·7	—	21	—
	(Margate)												32·3	+ 3·6	41	+ 5
5. ENGLAND, S.	Kew	69	41	65·1	51·8	58·3	+ 5·3	114	0	3	0·70	+ 0·14	22·7	− 3·3	29	− 4
	Wisley, Surrey	68	41	64·6	51·6	57·9	+ 5·3	111	0	3	0·98	—	27·7	—	35	—
	†Swarraton (Ventnor) M	68	39	63·1	47·9	55·3	+ 3·7	93	0	4	1·71	+ 0·97	27·4	− 5·1	34	− 6
	Tunbridge Wells M	67	43	64·8	50·7	57·5	+ 4·9	109	0	4	1·35	+ 0·65	35·7	+ 6·1	45	+ 8
	†Dungeness (Littlestone)	65	54	63·7	46·4	54·8	− 0·3	90	0	2	0·77	+ 0·11	35·4	—	45	—
	Hastings	65	51	64·1	55·1	59·5	+ 5·1	123	0	3	0·90	+ 0·15	30·6	− 0·9	39	− 1
	Southampton	69	47	66·6	53·0	59·6	+ 5·2	123	0	4	1·40	+ 0·66	24·8	− 5·2	31	− 7
	†Portland Bill (Worthing)	64	56	62·3	57·4	59·8	+ 4·4	125	0	4	0·59	—	33·0	—	42	—
	(Eastbourne)												36·1	+ 6·6	46	+ 8
6. SCOTLAND, W.	†Laudale, (Oban)	65	41	60·7	47·5	53·9	+ 3·4	83	0	4	1·13	− 0·57	14·4	—	19	—
	Glasgow S	61	37	58·7	46·0	52·2	+ 2·4	71	0	3	0·59	− 0·26	7·0	− 11·9	9	− 15
	Dumfries S	68	35	62·8	44·9	53·6	+ 3·3	81	0	4	0·78	− 0·09	*	*	*	*
	Cally S	60	38	56·7	44·2	50·3	+ 0·2	58	0	4	1·03	− 0·03	*	*	*	*
	Douglas, Isle of Man	62	40	59·6	46·4	52·8	+ 1·8	76	0	3	1·46	+ 0·48	15·3	− 12·0	19	− 15
7. ENGLAND, N.W.	Aspatria	66	38	61·8	47·6	54·5	+ 5·0	88	0	4	1·24	+ 0·33	15·5	—	20	—
	Newton Rigg	67	36	60·8	45·6	53·0	+ 3·7	77	0	4	0·73	− 0·10	12·0	− 10·9	15	− 14
	Stonyhurst	63	42	60·2	49·9	54·9	+ 4·0	90	0	5	1·34	+ 0·24	11·0	− 12·7	14	− 16
	Blackpool M	64	43	60·8	50·2	55·3	+ 3·4	93	0	3	1·20	+ 0·33	18·2	− 6·3	23	− 8
	Manchester, Prestwich	67	42	62·7	49·1	55·7	+ 5·0	96	0	5	1·09	+ 0·22	10·2	− 8·8	13	− 11
	†Liverpool Obs. (Hoylake)	66	45	61·6	50·1	55·7	+ 3·2	96	0	4	1·18	+ 0·41	13·8	—	18	—
	†Hawarden Bridge (Southport)	69	41	64·1	50·1	56·9	+ 4·4	104	0	5	0·86	+ 0·11	13·8	—	18	—
NORTH WALES	Llandudno M	70	48	62·5	52·0	57·1	+ 3·2	106	0	6	1·06	+ 0·28	13·1	− 10·9	17	− 14
	†Holyhead (Aberdovey)	65	46	60·3	50·7	55·4	+ 1·8	94	0	5	1·98	+ 1·11	6·6	—	8	—
	Bettws-y-Coed	67	41	63·1	48·3	55·5	+ 2·2	96	0	5	2·14	—	13·1	—	17	—
SOUTH WALES	Llangammarch Wells	65	34	61·4	46·5	53·7	+ 2·3	82	0	7	2·39	—	10·3	—	13	—
	Pembroke	61	50	59·9	53·4	56·6	+ 2·4	102	0	7	3·11	+ 2·27	9·9	− 18·1	13	− 23
	†Cardiff (Aberystwyth)	67	42	63·5	50·3	56·7	+ 4·1	103	0	6	3·38	+ 2·38	10·0	—	13	—
8. ENGLAND, S.W.	†Clifton (Torquay)	68	47	64·8	52·5	58·5	+ 4·8	116	0	4	2·13	+ 1·33	14·4	− 15·6	18	− 20
	†Shaftesbury (Marlborough) M	66	47	61·5	52·7	57·0	+ 4·8	105	0	5	2·21	+ 1·44	16·0	− 9·4	20	− 12
	†Arlington (Newquay)	64	48	61·6	51·7	56·5	+ 4·1	102	0	7	3·10	+ 1·82	19·2	− 9·8	24	− 12
	Cullompton M	66	41	63·6	50·0	56·6	+ 3·8	102	0	6	2·34	+ 1·54	12·8	− 13·7	16	− 17
	Plymouth	66	49	62·5	53·7	58·0	+ 3·4	112	0	6	1·37	+ 0·59	16·5	− 12·5	21	− 16
	Falmouth	64	52	62·2	54·2	58·1	+ 3·5	113	0	7	2·00	+ 0·96	17·0	− 13·8	21	− 17
9. IRELAND, N. — Western part.	Malin Head	63	44	59·3	50·0	54·5	+ 3·0	88	0	4	0·50	− 0·20	*	*	*	*
	Edenfel	63	42	59·4	46·6	52·8	+ 3·6	76	0	6	0·94	+ 0·11	*	*	*	*
	Blacksod Point	63	45	59·9	49·1	54·3	+ 1·4	86	0	5	0·97	− 0·11	*	*	*	*
	Markree Castle	66	36	61·9	44·1	52·7	+ 2·6	75	0	5	1·01	+ 0·08	18·0	− 4·1	23	− 5
9. IRELAND, N. — Eastern part.	Armagh	63	35	60·1	44·9	52·3	+ 2·3	72	0	5	0·41	− 0·23	6·7	− 16·3	9	− 21
	Donaghadee	61	42	58·9	47·9	53·2	+ 1·7	78	0	4	0·60	− 0·05	*	*	*	*
10. IRELAND, S. — Eastern part.	†Dublin, City (Phœnix Park)	65	45	61·1	49·8	55·3	+ 2·8	93	0	4	0·79	+ 0·20	6·3	− 21·6	8	− 27
	Kilkenny	65	37	62·4	47·3	54·6	+ 2·7	88	0	6	1·25	+ 0·58	*	*	*	*
	Waterford	65	42	62·4	49·3	55·7	+ 3·5	96	0	7	2·15	+ 1·32	*	*	*	*
10. IRELAND, S. — Western part.	Birr Castle	65	41	62·3	48·6	55·3	+ 4·3	93	0	5	0·70	+ 0·04	17·0	− 8·4	22	− 11
	Foynes	?62	45	?58·4	50·1	?54·1	+ 2·1	85	0	7	1·14	+ 0·36	*	*	*	*
	Killarney	70	48	64·5	52·1	58·1	+ 5·1	113	0	7	1·26	+ 0·16	*	*	*	*
	Valencia	65	47	62·4	52·4	57·3	+ 3·6	107	0	6	2·36	+ 1·19	19·3	− 7·0	24	− 9
	†Roches Point (Ballinacurra)	64	49	62·0	54·9	58·4	+ 4·9	115	0	7	1·78	+ 0·89	19·8	—	25	—
11 ENGLISH CHANNEL	Scilly, St. Mary's	66	56	62·4	56·9	59·6	+ 3·8	123	0	7	1·63	+ 0·86	18·0	− 13·7	23	− 17
	†Jersey, St. Aubins (St. Heliers)	70	52	66·7	55·0	60·7	+ 3·5	131	0	4	0·23	− 0·64	27·2	− 6·8	34	− 9
	Guernsey	69	52	66·0	56·1	60·9	+ 4·4	132	0	3	0·28	− 0·66	29·7	− 1·3	37	− 2

Information for Stations marked M is supplied by the Royal Meteorological Society, and that for Stations marked S is supplied by the Scottish Meteorological Society.
* An Asterisk is inserted in all places for which the information is not usually given.
† There is no Sunshine Recorder in use at this Station. The figures entered for Sunshine are those recorded at a Station in the same district of which the name is given in brackets.

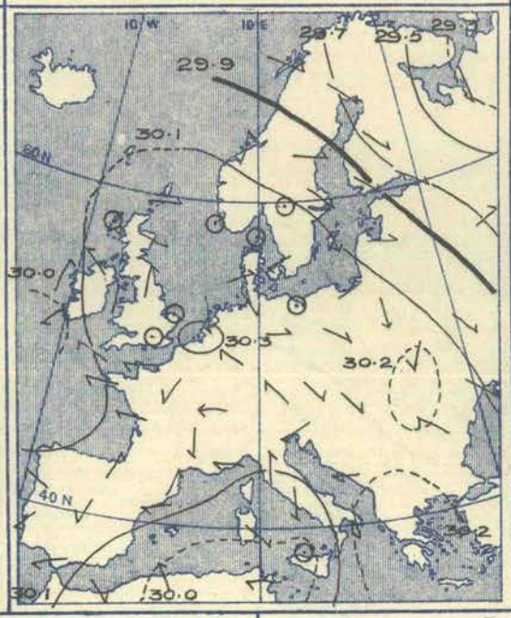
Additional Sunshine Totals for the week: Ramsgate, 31·5 hrs., 40 %; Brighton, 30·8 hrs. (− 1·6), 39 % (− 1 %); Bournemouth, 23·0 hrs., 29 % Bognor, 31·0 hrs., 39 %; Rhyl, 16·7 hrs., 21 %; Tenby, 10·9 hrs. (− 17·9), 14 % (− 23 %).

Sunday, 30th September, 1906.

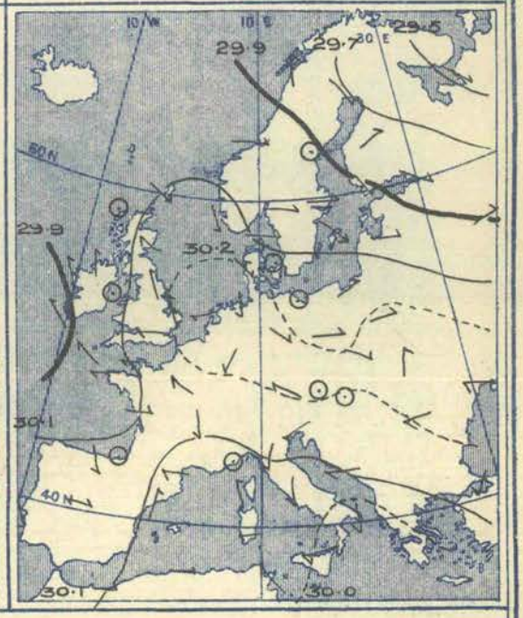
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER in morning varying considerably in different localities. Fair or fine over Europe as a whole, but dull in several scattered places; morning fogs reported in many parts of Great Britain, and mist on the Irish coasts. Fog prevailing also over the Netherlands, and rain falling at Christiansund, as well as at Berlin and Lemberg. Fog dispersing later over Great Britain; rain setting in over Ireland, and also in some parts of Southern Italy.

TEMPERATURE fallen quickly in Scotland and less decidedly over the northern parts of the Continent, risen elsewhere. Morning readings, highest 69° at Oran, 67° at Barcelona, and 64° at Cagliari; above 60° at the Mediterranean and Spanish stations generally, and very little below that level on our own south and south-west coasts. Lowest, 30° to 35° over Northern and Central Russia; below 40° in the north of Scotland, and below 45° over the central parts of England and France. Rising during day to 65° and upwards in many parts of England, Wales and Ireland, and to 70° at Llandudno and Jersey; exceeding 70° in France, Spain and Southern Italy, and reaching 81° at Malta.

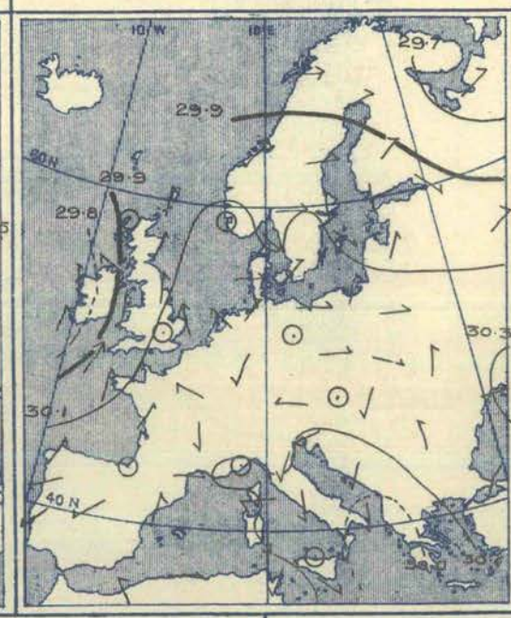
WIND calm or variable over the major part of Great Britain, the Netherlands and the North Sea; light to moderate from the Eastward or North-Eastward over France and Spain, and from the South-Eastward or Southward on our own western coasts. Westerly or North-Westerly over Scandinavia and Russia, with a gale at Warsaw; Northerly at most of the Italian stations. Light South-Easterly winds setting in later over England; no material change occurring elsewhere.

BAROMETER highest, 30·3 ins. and upwards, over the Netherlands; 30·1 ins. and upwards in an extensive anticyclone covering all but the north-eastern parts of Europe. Lowest, 29·3 ins. and less, in a depression moving eastwards across Northern Russia. Anticyclone diminishing somewhat in intensity during day and moving slowly eastwards; depression of moderate depth appearing off the Irish coasts in evening.

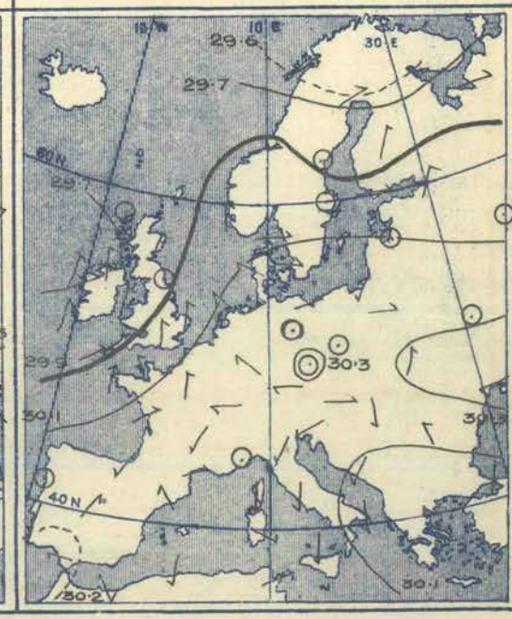
Monday, 1st October, 1906.

Temperature and Weather. 8 a.m.

Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER in morning generally very fine over North Africa, Western Europe, Scandinavia, and Finland, elsewhere mostly very cloudy or overcast, with showers or steady rain at some of our western stations and at Brindisi, snow at Archangel. Misty at Copenhagen and locally in these islands, foggy at Nairn, Wick, Breslau and Vienna. Rain falling later over practically the whole of the British Isles, the north of France, and at a few scattered places elsewhere, as much as 0·8 in. at Liverpool and Christiansund. A thunderstorm occurred over South Lancashire in the evening, hail falling at Manchester.

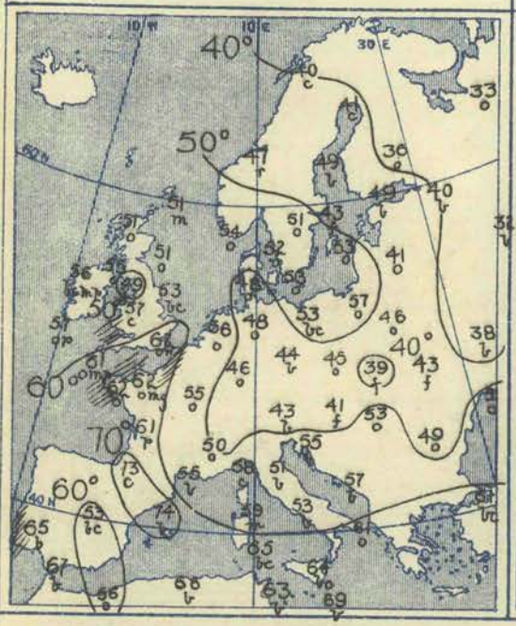
TEMPERATURE at 8 a.m. showing irregular changes. Readings ranging from 71° at Barcelona, 69° at Malta, and 66° at Corunna, Bilbao and Perpignan; 61° at Jersey and Lorient, and 59° at Brest, Holyhead and Roche's Point, to 41° at Nairn, Belfort and Cracow, and 40° at Nicolaieff; 33° at Archangel and Kuopio, 33° at Helsingfors, and 32° at Hango. In the afternoon exceeding 70° in many parts of Western and South-Western Europe and North Africa, reaching 81° at Perpignan, 79° at Bordeaux and Laghouat, and 77° at several other places; remaining below 50° at a few northern stations, 46° at St. Petersburg, 45° at Bodö, and 41° at Haparanda.

WIND in morning calm to very light and variable over the greater part of the region under review; a fresh to strong Southerly breeze across the Bristol Channel, a strong Westerly breeze at Bodö. Very little alteration taking place during the day, but a fresh South-Westerly gale occurring at Bodö in the evening, and a strong North-Easterly wind at Trieste.

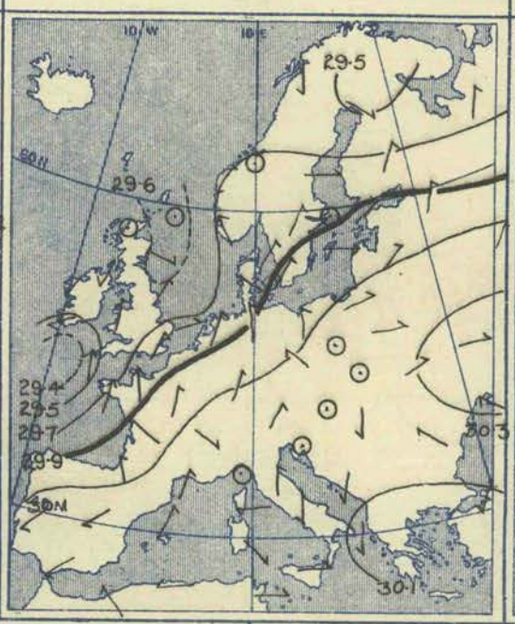
BAROMETER at 8 a.m. above 30·3 ins. in the Crimea region, and above 30·2 ins. in a belt extending thence up to the North Sea and round to Spain and Algeria; below 29·8 ins. in the west of Ireland, and 29·6 ins. on the White Sea. No decided variations during the day, pressure increasing a little over South-Eastern Europe, but still below 30·4 ins.; in the north of Ireland the barometer falling slightly below 29·7 ins., and in Lapland below 29·6 ins.

Tuesday, 2nd October, 1906.

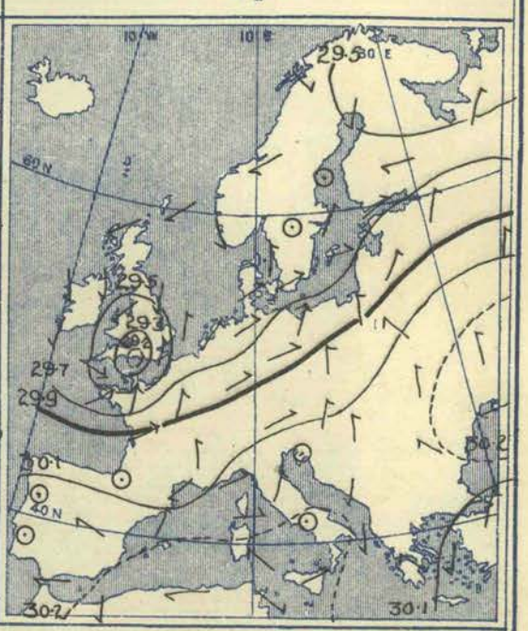
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER in morning cloudy or dull over Western Europe as a whole, with rain in the south or the United Kingdom and in neighbouring portions of the Continent. Fog or mist prevailing on several parts of our northern coasts, as well as at many of the Austrian stations. Fine in Sweden, Russia, and most of the southern countries. Rain falling later in nearly all parts of Western Europe—heavily over England and Wales, and also in the Netherlands.

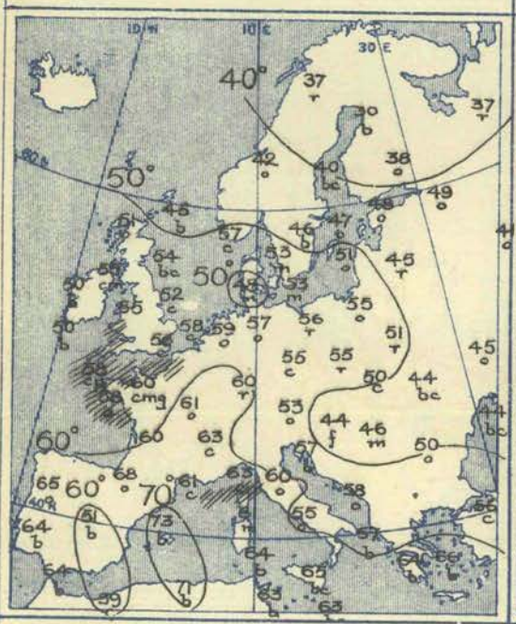
TEMPERATURE risen over Great Britain and France, fallen in Ireland, changed irregularly elsewhere. Morning readings highest, 74° at Barcelona, 69° at Malta, and 67° at San Fernando; above 60° in the west and north of France and the south of England. Lowest, 32° at Moscow, 33° at Archangel, and 35° at Kharkov. Rising during day to between 60° and 65° over a considerable portion of the United Kingdom and reaching 68° at Jersey; exceeding 70° over Southern Europe generally and reaching 82° at Toulouse, Biarritz and San Fernando.

WIND Southerly over the greater part of England and France, with a moderate gale at the mouth of the Channel, but drawing into the Eastward (South-East to North-East) at the Irish stations. Light from West in Scotland; Southerly or South-Easterly on the eastern shores of the North Sea and South-Westerly over Northern and Central Russia. Calm or variable in Austria and the southern parts of Russia and France; Northerly in Italy; North-Easterly in Spain. Subsequently increasing to a strong gale from the South-Westward in the Channel; shifting to the Northward in the west and north of these islands.

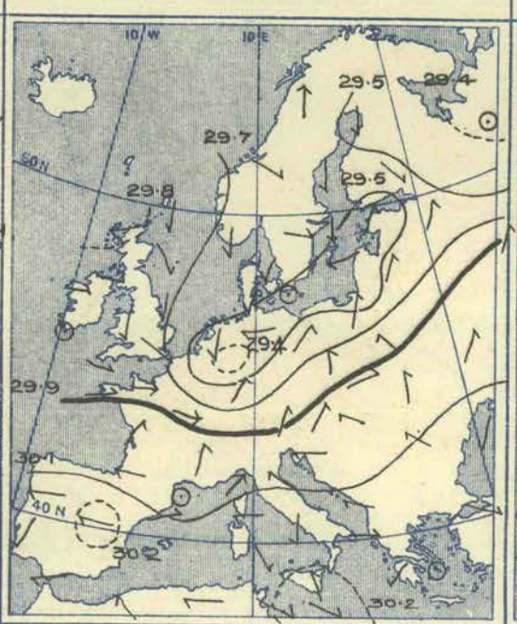
BAROMETER 30·3 ins. and upwards over the south of Russia, 35·1 ins. and upwards in an anticyclone covering nearly the whole of Southern and Eastern Europe. Lowest, 29·4 ins. and less, in a well marked depression lying off our south-west coasts; 29·5 ins. and less in a shallower disturbance over Lapland, and 29·6 ins. and less in a still shallower system off the north-east of Scotland. Deep disturbance in south-west, subsequently passing steadily in an east-north-easterly direction across the south of England.

Wednesday, 3rd October, 1906.

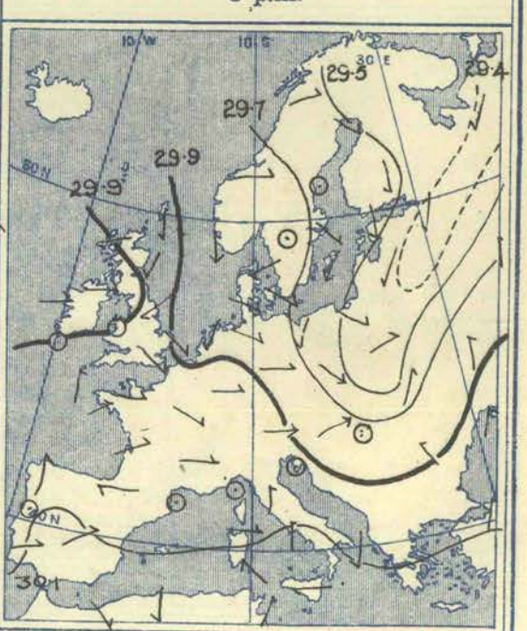
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. in a very variable mood throughout our area, fine and clear in some localities, overcast and dull in others, with a misty or gloomy atmosphere at some of our home stations and on the eastern side of the North Sea, foggy at Vienna. Rain falling at Scilly, Bodö and Archangel and at a number of Continental stations between Havre and the Gulf of Finland, maintaining the same general features during the day, the rainfall amounting to 0·7 in. at Scilly, 0·6 in. at Riga and Aachen, and 0·5 in. at Memel. Fog in the evening on the south coast of France.

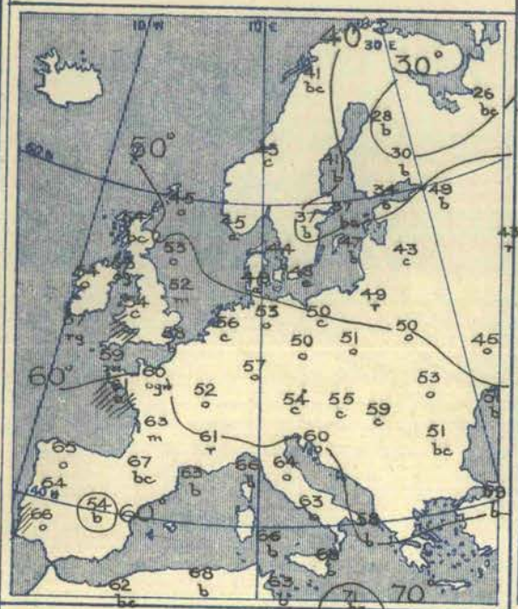
TEMPERATURE in morning fallen over the Scandinavian region, the southern parts of England and Ireland, and the north and west of France, risen in nearly all other localities, decidedly in places. Ranging from 73° at Barcelona, 71° at Algiers, and 68° at Biarritz and Malta, to 60° at Jersey and Portland Bill, 45° at Sumburgh Head, 36° at Clarkow, 31° at Uleaborg and 30° at Haparanda. Rising during the day to 86° at Laghouat, 82° at Toulouse, and 81° at Tunis, Aumale and Bilbao; to 68° at Bournemouth and Munich; 46° at Hernösand, 45° at Christiansund and 41° at Bodö and Haparanda.

WIND in morning showing a cyclonic circulation round a depression centred over the Low Countries; outside the influence of the system wind variable in direction. The force as a rule light or moderate, but blowing strongly from South at Bodö, very strongly from the Westward at Cape Griz Nez and Aachen, a gale at Havre and Belfort. Continuing light in most regions during the day, but in the evening blowing strongly at Skudesnaes and Wisby, very strongly over South Germany.

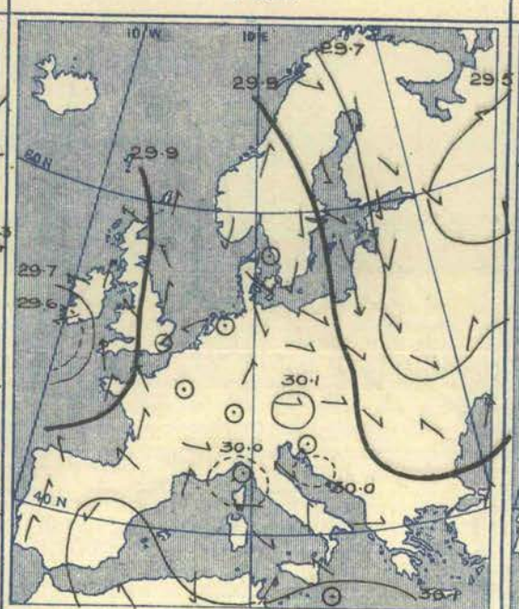
BAROMETER at 8 a.m. highest, above 30·2 ins., over Central Spain and in the neighbourhood of Malta; lowest, about 29·4 ins., in a disturbance over the Netherlands and in another on the White Sea, and 29·5 ins. at Bodö. Variations of an unimportant character later, the evening readings being a little lower over the Mediterranean region, and at about 29·4 ins. between Riga and Archangel. Some indications of a disturbance at some distance beyond our south-western coasts.

Thursday, 4th October, 1906.

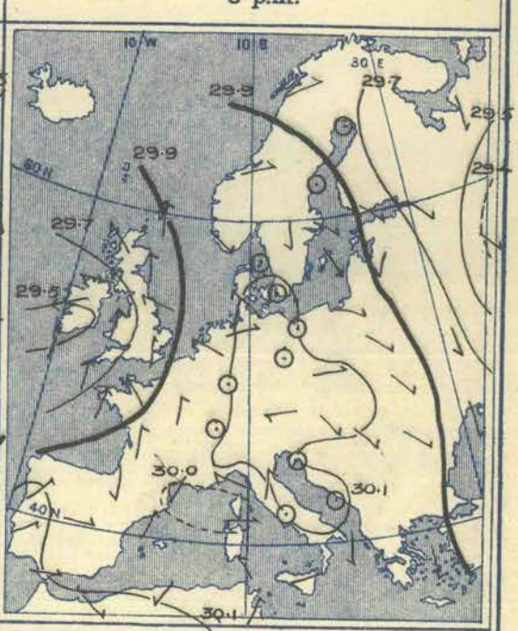
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER in morning very cloudy to overcast generally over the British Isles, the central, western, and extreme south-western portions of the Continent. Raining at our south-west coast stations, and at Lyons, Memel and Moscow. Atmosphere misty at some of the home stations and at a few foreign ones, foggy over Belgium and the Straits of Dover. Mainly fair to very fine and clear over Northern, Eastern and South-Eastern Europe and in North Africa, foggy along the south coast of France in the evening. During the day rain falling over nearly the whole of the British Isles, and in scattered localities abroad, exceeding an inch in Wales, and 0·7 in. at Roche's Point and Hermanstadt.

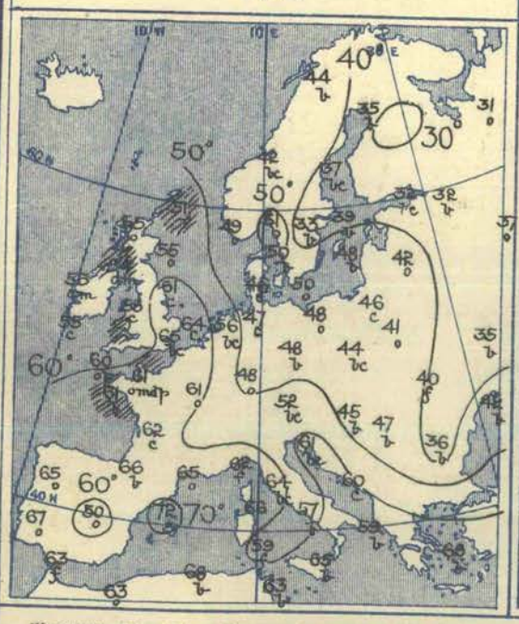
TEMPERATURE at 8 a.m. fallen over a broad belt extending from Central France to the White Sea, risen in nearly all other regions. Readings ranging from 76° at Bilbao, 71° at Malta, and 68° at Algiers and Palermo; 60° along the English Channel and at Trieste, and 54° at Madrid, Stornoway and Turin to 30° at Kuopio, 28° at Uleaborg and 26° at Archangel. Rising during the day to 70° and upwards over an extensive portion of Western and Southern Europe and North Africa, 95° at Laghouat, 86° at Cette and Toulouse, and 85° at Perpignan; passing above 60° in most parts of these Islands, 67° at Margate; but not exceeding 45° at Bodö and St. Petersburg, and 43° at Haparanda.

WIND in morning circulating cyclonically round disturbances centred off our south-west coasts and Russia, and anticyclonically round an area of relatively high pressure centred over Bavaria. Calms and very light breezes as a rule, only Scilly reporting a fresh breeze. Fresh to very strong South-Westerly to Easterly breezes later, on our south-western and western coasts, hardly any change elsewhere.

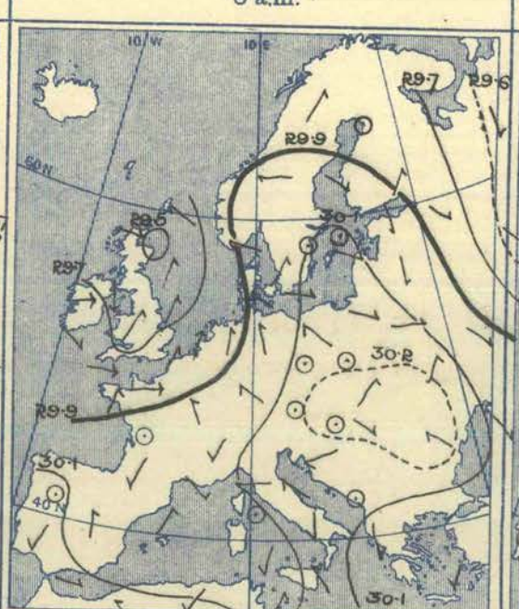
BAROMETER at 8 a.m. above 30·1 ins. over South Germany and some parts of Spain and North Africa; below 29·5 ins. over Central and Eastern Russia, and below 29·6 ins. off our south-western coasts. The anticyclones over Central Europe and the extreme south of our area increasing in extent and slightly in intensity by evening, while the two depressions in the far east and west respectively deepened by about a tenth of an inch.

Friday, 5th October, 1906.

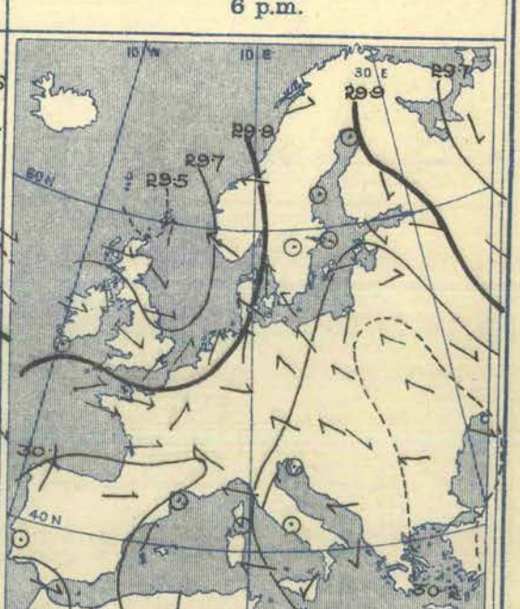
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at a.m. fair or fine over the major portion of our area, but cloudy or overcast in our own western and northern districts, with fog at Holyhead and Wick, rain at Donaghadee and Sumburgh Head, and showers on our south-west coasts. Rain later in various parts of this country and in many Continental regions, with thunder and lightning at some stations in the interior of France. Largest amounts, 0·9 in. at Turin, 0·8 in. at Besançon, and Belfort, and 0·6 in. at Paris and Oxö.

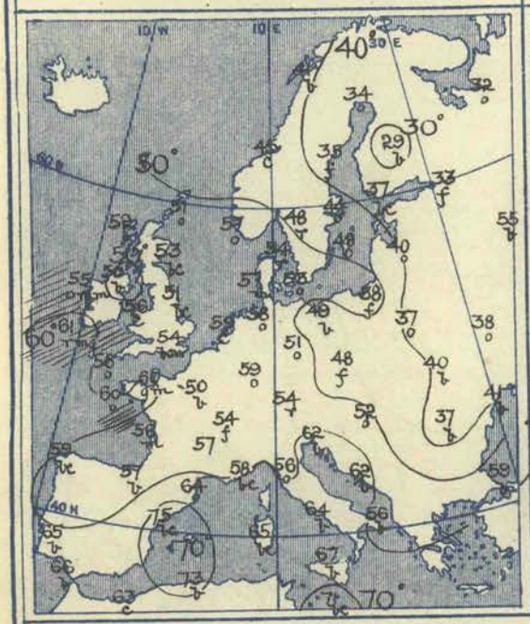
TEMPERATURE risen in the United Kingdom, the Low Countries, and Denmark, fallen in nearly all other regions. Readings in morning about 60° at many of our own stations, in France, and Southern Europe, and as high as 72° at Barcelona. Below 40° in the extreme east and north-east of our area, and as low as 31° at Archangel and 28° at Uleaborg. Rising during day to 68° or 69° in various parts of England, to between 70° in Holland and at a few German stations, and to between 70° and 80° over France and the Mediterranean region generally, and to a little above 80° in places.

WIND in morning light and anticyclonic over Europe as a whole, but showing a cyclonic circulation over these Islands; Westerly and South-Westerly currents fresh in some parts of Ireland and England. Becoming more Westerly over this country later; little change elsewhere, but a South-Easterly gale setting in on the south-west of Norway.

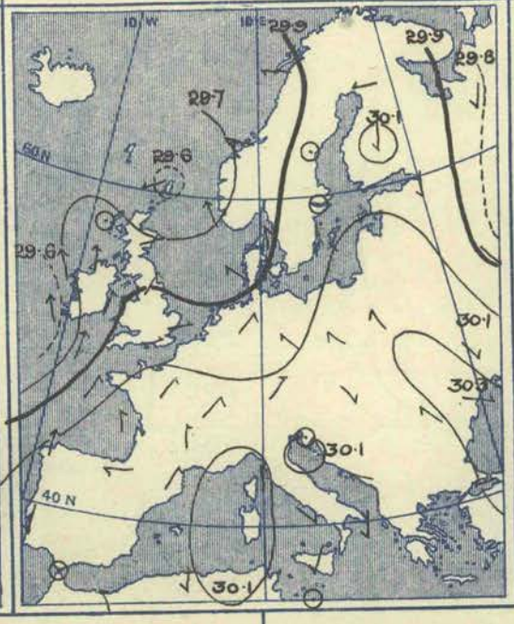
BAROMETER in morning above 30·2 ins. in a very large anticyclone having its maximum over Hungary and its vicinity. Below 30·0 ins. in a small depression over Central Spain, and below 29·6 ins. in a larger system covering Scotland and the north of England. Relatively low in some secondaries over the west and south-west of England. Pressure increasing rather decidedly later over the south-west of France; little other change occurring on the Continent. Depressions over our Islands travelling north-eastwards or eastwards.

Saturday, 6th October, 1906.

Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.

WEATHER at 8 a.m. varying a good deal; rainy at Munich, over the south of Scandinavia, and in the west of Ireland, and showery in the north of Scotland. Fair or fine in most parts of England and in various regions of Southern Europe. Considerable rain later in the west of our Islands and in various northern regions of the Continent, as well as over the north of Italy. As much as an inch at Valencia (Ireland), nearly two inches at Leghorn, and more than three inches reported at Hernösand.

TEMPERATURE fallen in our Islands and France, risen over the Baltic region, changed rather irregularly elsewhere. Readings in morning as high as 75° at Barcelona, 78° at Algiers, and above 65° at a few other southern stations. Below 40° in some eastern and northern localities, and below 32° in Finland. Maxima during day, 88° at San Fernando, nearly 80° in several other southern localities, and above 60° over these Islands.

WIND in morning moderate to strong from the Southward in Ireland and Wales, moderate from the Westward over England and Scotland, strong from South-South-East at Skudesnaes, and light from the Eastward at Sumburgh Head. Light anticyclonic breezes prevailing over the east and north-east of our area. No change of importance occurring during day.

BAROMETER in morning above 30·3 ins. in an anticyclone centred over the south east of Europe. Below 29·6 ins. in a depression near the Shetlands and also in another disturbance off the west coast of Ireland. Little modification taking place in the general distribution of pressure during day; depression off Ireland travelling northwards and that near the Shetlands passing eastwards to the south of Norway.

IV.—TEMPERATURE on the Grass, and in the Ground.

	STATION.	Grass Min. No. of Obs. of 30° or less.	Grass Min. Lowest reading.	Mean Earth Temp. At 1 foot.	Mean Earth Temp. At 4 feet.
			°	°	°
2.	York	—	—	53·6	54·9
2.	Hull	0	42	52·7	55·0
3.	Cambridge	1	30	—	—
3.	Dunmow	0	34	—	—
4.	Harrogate	0	34	52·6	52·7
4.	Sheffield	0	36	53·4	54·4
4.	Birmingham	1	28	54·1	53·6
4.	Nottingham	0	35	54·4	56·4
5.	Kew	0	33	55·7	56·3
5.	Canterbury	0	40	57·3	58·1
5.	Portsmouth	0	41	58·6	59·1
6.	Glasgow	0	31	—	—
7.	Newton Rigg	1	27	53·0	53·8
7.	Bettws-y-Coed	0	40	51·3	52·1
7.	Manchester (Oldham Road)	0	36	53·9	56·6
8.	Llangammarch Wells	1	27	54·2	54·5
8.	Bath				
8.	Plymouth	0	44	58·5	—
9.	Armagh	0	31	54·3	55·5
9.	Markree	0	33	—	—
10.	Dublin, Trin. Coll.	0	34	54·7	55·7
11.	Guernsey, Brooklyn	0	46	59·8	60·0

V.—OBSERVATIONS IN THE UPPER AIR.—Temperature, Humidity and Wind Velocity.

Date of Observation.	Station and its Height above M.S.L.		Heights in feet above Mean Sea Level. Ground Level.	1,660.	3,320	5,000.	6,660.	8,320.	10,000.	Remarks
1906. September 30th, 3.55 p.m. to 4.55 p.m.	Brighton, 380 ft.	Temperature F.	60°	[56°						8 ft. kite, 3,000 ft. wire. Greatest height, 1,560 ft., where wind failed—Alto-Cumulus.
		Humidity	64%	84%						
		Wind Velocity, m. per hr.	ESE, 12	ESE, 10]						
October 4th, 10.25 a.m. to 12.50 p.m.	Brighton, 380 ft.	Temperature F.	63°	60°	55°					One 8 ft. kite, 6,750 ft. wire. Greatest height, 3,440 ft., clear to cloudy. Top clouds just reached, nimbus (at descent) 1,370 ft. Slight rain at 1.30.
		Humidity	88%	58%	83%					
		Wind Velocity, m. per hr.	SE by S, 20 to S, 10	SE by S, 27	S by W, 20					
October 6th, 3.45 p.m. to 5.15 p.m.	Brighton, 380 ft.	Temperature F.	59·5°	52·5°						One 8 ft. kite, 5,000 ft. wire. Greatest height, 2,000 ft. (wind WSW). Lowest clouds 1,280 ft. at ascent, 860 ft. at descent.
		Humidity	80%	80%						
		Wind Velocity, m. per hr.	SW 8–10	W by S, 15–20						
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								

33, Victoria Street, London, S.W. *October 10th, 1906.*

W. N. SHAW, *Director.*

ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE,

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TWENTY-NINTH YEAR. Vol. XXIII. (New Series.) } No. 41. FORTY-FIRST WEEK, ENDING SATURDAY, OCTOBER 13TH, 1906. [Price 6d. Annual Subscription post paid £1 10s. 0d.

I.—GENERAL REMARKS.

Weather was unsettled in all parts of the Kingdom. Rain, in varying quantities, was experienced almost daily in most places, the heaviest falls being on Thursday in the north and west. Sharp showers of hail, sleet, or snow were rather general in the north at the close of the week. Thunderstorms occurred at many stations in Eastern and Central England on Tuesday or Wednesday, and again in some north-eastern localities on Saturday.

Temperature was much above the average; the excess amounting to as many as 7·4° in England E. and to 6·3° in England S. The highest of the maxima were mostly recorded early in the week, but not until the 11th in the S. and S.E. The values ranged from 63° in England S.W. to 70° in England S. (in London on Thursday) and to 74° in England E. (at Geldeston on Thursday). The lowest of the minima, registered on the 13th, ranged from 30° in Scotland N., 31° in Scotland E., and 32° in Scotland W., to 42° and 43° respectively in England E. and S., and to 49° in the English Channel.

Rainfall was less than the average in Scotland N. and England N.W. and equal to it in England N.E.; in all other districts there was an excess. The heaviest fall of the week occurred in the South of Scotland and the northern half of Ireland on the 11th, when more than an inch was measured at several stations.

Bright Sunshine was deficient generally, but in excess of the normal in England E., S., and S.W., and also over Ireland. The percentage of the possible duration ranged from 48 in England E., and 41 in England S. and Ireland S., to 21 in Scotland E. and W., and in England, N.W.

Barometer and Wind.—At the commencement of the week depressions were moving northwards outside our western coasts, but on a steady rise of the barometer taking place over Norway the disturbances moved on a Southerly course towards the Bay of Biscay, and the winds, which had been Southerly, backed to South-East or East. By Friday, however, a large depression, with a secondary trough extending over this country, had appeared off the West of Norway, and the wind became Westerly to North-Westerly on our western and northern coasts and South-Westerly in the East. During the following day a decided increase of pressure took place in the rear of this disturbance, and the wind blew freshly or strongly from the Northward over the United Kingdom generally; at Holyhead and Malin Head the strength of a fresh gale was reported.

SUMMARY OF TEMPERATURE, RAINFALL, AND DURATION OF BRIGHT SUNSHINE IN THE UNITED KINGDOM, FOR AGRICULTURAL AND SANITARY PURPOSES.

THE WEEK (41st)—October 7th to October 13th, 1906.

DISTRICTS. (See p. 242.)	Temperature. Highest.	Lowest.	Means of Daily Max.	Daily Min.	Daily Mean.	Difference from Av. (35 Yrs.)	Accumulated Number of Day-Degrees. Above 42°	Difference from Av. (25 Yrs.)	Below 42°	Difference from Av. (25 Yrs.)	Rainfall. Number of Rain-Days.	Diff. from Av. (35 Yrs.)	Total Fall.	Difference from Average (35 Yrs.)	Sunshine. Hours recorded.	Diff. from Av. (25 Yrs.)	Percentage of Possible Duration	Diff. from Av. (25 Yrs.)
	°	°	°	°	°	°	Day-deg.	Day-deg.	Day-deg	Day-deg.			Inches.	Inches.			%	%
0. SCOTLAND, NORTH ..	65	30	56·1	45·2	50·5	+ 3·3	60	+ 21	0	- 6	6	+ 1	0·99	-0·23	18	- 2	24	- 2
Eastern 1. SCOTLAND, EAST ..	65	31	56·9	47·0	51·8	+ 4·3	69	+ 27	0	- 7	6	+ 2	1·30	+0·59	15	- 7	21	- 9
Eastern 2. ENGLAND, N.E. ..	68	37	60·6	50·7	55·5	+ 6·0	95	+ 46	0	- 3	5	+ 1	0·63	0·00	25	- 2	33	- 2
Eastern 3. ENGLAND, EAST ..	74	42	63·6	53·7	58·5	+ 7·4	116	+ 57	0	- 4	4	0	0·63	+0·04	37	+ 8	48	+11
Eastern 4. MIDLAND COUNTIES	69	37	60·1	50·1	54·9	+ 5·3	90	+ 36	0	- 6	6	+ 2	0·99	+0·35	16	- 7	22	- 9
Eastern 5. ENGLAND, SOUTH ..	70	43	62·6	53·6	57·9	+ 6·3	111	+ 44	0	- 3	5	+ 1	1·14	+0·40	31	+ 4	41	+ 5
Western 6. SCOTLAND, WEST ..	64	32	57·6	48·2	52·8	+ 4·0	76	+ 24	0	- 4	6	+ 2	1·23	+0·11	16	- 5	21	- 7
Western 7. ENGLAND, N.W. ..	66	34	59·5	49·4	54·3	+ 4·1	86	+ 30	0	- 2	7	+ 3	0·85	-0·03	16	- 5	21	- 7
Western 8. ENGLAND, S.W. ..	63	39	59·1	50·4	54·6	+ 3·2	88	+ 22	0	- 2	6	+ 2	1·09	+0·12	26	+ 3	35	+ 4
Western 9. IRELAND, NORTH ..	65	35	56·8	46·9	51·7	+ 2·4	68	+ 16	0	- 4	6	+ 1	1·06	+0·24	25	+ 4	33	+ 5
Western 10. IRELAND, SOUTH ..	65	36	58·0	48·2	53·0	+ 2·1	77	+ 16	0	- 2	6	+ 2	1·38	+0·51	31	+ 5	41	+ 7
11. ENGLISH CHANNEL	68	49	61·3	54·4	57·8	+ 2·8	111	+ 23	0	0	6	+ 2	1·27	+0·35	26	- 3	34	- 4

THE SEASON (**Autumn**).—Aggregates, &c., for the Period of 6 Weeks, September 2nd to October 13th, 1906.

0. SCOTLAND NORTH ..	89	30	*	*	*	*	442	+ 87	0	-10	23	- 5	4·09	-2·63	177	+ 41	35	+ 8
Eastern 1. SCOTLAND, EAST ..	87	29	*	*	*	*	476	+106	7	- 7	19	- 5	2·82	-1·21	200	+ 50	40	+10
Eastern 2. ENGLAND, N.E. ..	94	32	*	*	*	*	594	+153	0	- 6	16	- 4	2·16	-1·16	211	+ 22	42	+ 4
Eastern 3. ENGLAND, EAST ..	93	32	*	*	*	*	688	+179	0	-10	16	- 4	2·97	-0·27	249	+ 51	49	+10
Eastern 4. MIDLAND COUNTIES	96	30	*	*	*	*	605	+143	8	- 5	18	- 2	3·44	-0·10	186	+ 27	37	+ 5
Eastern 5. ENGLAND, SOUTH ..	92	33	*	*	*	*	675	+130	0	- 6	17	- 3	3·50	-0·29	234	+ 37	46	+ 7
Western 6. SCOTLAND, WEST ..	89	32	*	*	*	*	505	+ 77	2	- 7	18	- 6	4·31	-2·07	191	+ 34	38	+ 7
Western 7. ENGLAND, N.W. ..	90	31	*	*	*	*	563	+ 89	3	- 1	20	- 3	3·42	-1·45	204	+ 43	41	+ 9
Western 8. ENGLAND, S.W. ..	88	28	*	*	*	*	606	+ 78	0	- 4	18	- 5	4·68	-0·47	235	+ 48	47	+ 9
Western 9. IRELAND, NORTH ..	78	32	*	*	*	*	511	+ 72	0	- 8	23	- 4	3·23	-1·58	182	+ 34	36	+ 7
Western 10. IRELAND, SOUTH ..	79	33	*	*	*	*	578	+ 84	0	- 4	21	- 3	3·80	-1·03	210	+ 31	42	+ 6
11. ENGLISH CHANNEL	82	48	*	*	*	*	759	+ 89	0	0	18	- 6	3·02	-1·67	261	+ 38	52	+ 8

THE YEAR.—Aggregates, &c., for the period of 41 Weeks, December 31st, 1905, to October 13th, 1906.

0. SCOTLAND, NORTH ..	89	8	*	*	*	*	1866	+ 16	646	+ 77	196	+19	38·88	+2·34	1082	+ 50	28	+ 1
Eastern 1. SCOTLAND, EAST ..	88	11	*	*	*	*	2212	+ 88	631	+ 13	160	+ 9	24·09	+0·28	1311	+127	35	+ 3
Eastern 2. ENGLAND, N.E. ..	94	18	*	*	*	*	2744	+386	464	- 28	139	+ 4	16·50	-2·72	1460	+128	39	+ 3
Eastern 3. ENGLAND, EAST ..	93	23	*	*	*	*	3054	+316	413	-129	121	-11	16·67	-1·76	1657	+258	44	+ 7
Eastern 4. MIDLAND COUNTIES	96	18	*	*	*	*	2929	+265	494	- 61	134	- 1	18·17	-2·93	1412	+192	38	+ 5
Eastern 5. ENGLAND, SOUTH ..	92	20	*	*	*	*	3073	+131	351	- 45	129	- 3	19·07	-1·48	1663	+255	45	+ 7
Western 6. SCOTLAND, WEST ..	89	14	*	*	*	*	2404	+125	421	- 9	164	+ 5	35·50	-0·49	1318	+ 91	35	+ 2
Western 7. ENGLAND, N.W. ..	90	16	*	*	*	*	2653	+124	382	- 14	156	+10	26·90	+1·16	1380	+152	37	+ 4
Western 8. ENGLAND, S.W. ..	88	19	*	*	*	*	2882	+ 91	327	+ 27	152	+ 8	30·62	+2·06	1536	+161	41	+ 4
Western 9. IRELAND, NORTH ..	84	20	*	*	*	*	2408	- 10	355	- 7	195	+17	23·35	+0·36	1210	+ 79	32	+ 2
Western 10. IRELAND, SOUTH ..	81	24	*	*	*	*	2903	+140	264	- 4	179	+21	27·51	-3·15	1346	+ 38	36	+ 1
11. ENGLISH CHANNEL	89	27	*	*	*	*	3326	+ 75	79	- 35	146	- 4	19·72	-4·53	1759	+ 81	47	+ 2

Bright Sunshine.—For certain of the Districts the values of Bright Sunshine in this Table are based on the records from a part only of the Stations included in Table II. For certain of the Stations Mean Values are not available, and for the Districts containing these Stations the "Difference from Average" is based on the records from a smaller number of Stations than those supplying the values for "Hours Recorded."

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II.—DATA from which the SUMMARY on page 241 has been calculated.

October 7-13, 1906. Districts.	Names of Stations.	Temperature. In Degrees Fahrenheit. Highest observed.	Lowest observed.	Averages for the Week. Of Highest each day.	Of Lowest each day.	For whole of each day.	Difference of Daily Average from Mean for the Week.	Accumulated Heat for the Week (in Day-degrees). Above 42°	Below 42°	Rainfall. Number of Rain-Days.	Rainfall in the Week.	Difference from the Mean for the Week.	Bright Sunshine. Number of Hours recorded.	Difference from the Mean for the Week.	Percentage of possible duration.	Difference from the Mean for the Week.
		°	°	°	°	°	°	Day-deg	Day-deg		Inches.	Inches.	Hrs.	Hrs.	%	%
0. SCOTLAND, N.	†Sumburgh Head (Deerness)	56	35	52·1	47·1	49·5	+ 2·6	53	0	5	1·01	+ 0·06	13·7	− 6·3	19	− 9
	Wick	62	38	55·1	47·3	51·1	+ 3·7	64	0	7	0·92	+ 0·22	*	*	*	*
	†Lairg (Strathpeffer)	68	30	57·7	41·9	49·6	+ 3·8	54	0	7	0·89	+ 0·04	16·6	− 4·6	22	− 6
	Stornoway	62	37	57·3	45·3	51·1	+ 4·9	64	0	5	0·18	− 1·06	19·7	− 0·5	27	− 1
	Glencarron	65	32	56·2	43·6	49·7	+ 3·1	54	0	5	1·49	− 0·62	*	*	*	*
	Fort Augustus	64	34	57·5	45·7	51·4	+ 3·6	66	0	6	1·06	+ 0·11	20·3	+ 5·5	27	+ 7
	Fort William	63	30	56·9	45·3	50·9	+ 2·1	62	0	5	1·37	− 0·37	*	*	*	*
1. SCOTLAND, E.	Nairn	65	37	58·0	45·3	51·5	+ 4·0	67	0	6	0·90	+ 0·34	17·6	—	24	—
	Aberdeen	61	36	54·9	49·1	51·9	+ 3·6	69	0	7	1·36	+ 0·71	17·1	− 6·4	23	− 9
	†Balmoral (Crathes)	61	31	55·4	45·4	50·3	+ 5·9	58	0	6	1·35	+ 0·49	16·9	—	23	—
	†Clathick (Balruddery)	60	34	57·7	46·8	52·1	+ 4·3	71	0	6	1·41	+ 0·50	14·2	—	19	—
	†Leith (Edinburgh)	65	40	58·1	49·4	53·6	+ 3·7	81	0	5	1·47	+ 0·98	16·0	− 3·5	21	− 5
	Marchmont	62	35	57·1	46·0	51·4	+ 4·0	66	0	7	1·33	+ 0·53	10·3	− 10·7	14	− 14
2. ENGLAND, N.E. Northern part.	†Alnwick Castle (Cockle Park)	64	37	57·1	48·3	52·6	+ 4·3	74	0	5	0·96	+ 0·20	16·6	—	22	—
	†Shields (Newcastle)	68	40	58·1	49·3	53·6	+ 4·3	81	0	6	0·43	− 0·20	14·5	− 2·8	19	− 4
	Durham	66	37	59·0	48·8	53·8	+ 5·3	83	0	7	0·47	− 0·23	17·5	− 4·0	23	− 5
	Scarborough	66	42	62·4	51·7	56·9	+ 6·8	104	0	5	0·68	− 0·02	26·3	—	35	—
	York	68	40	62·8	50·1	56·3	+ 6·7	100	0	5	0·57	− 0·03	22·0	+ 1·0	29	+ 1
Southern part.	†Spurn Head (Saltburn)	64	48	30·1	54·4	57·2	+ 5·8	106	0	4	0·90	+ 0·32	28·1	—	37	—
	†Lincoln (Skegness)	68	45	63·1	51·5	57·1	+ 7·1	106	0	5	0·51	− 0·04	36·9	—	49	—
	†Fulbeck (Rauceby)	68	45	62·3	51·3	56·6	+ 7·6	102	0	4	0·51	− 0·03	27·7	—	36	—
	(Cromer)												39·9	—	53	—
3. ENGLAND, E. Northern part.	Hillington	72	42	64·9	51·0	57·7	+ 7·5	110	0	5	1·60	+ 0·95	38·0	+ 14·0	50	+ 18
	†Yarmouth (Lowestoft)	66	49	61·6	55·6	58·5	+ 7·2	116	0	3	0·29	− 0·35	40·8	—	54	—
	Geldeston	74	42	65·7	52·7	59·0	+ 7·9	119	0	5	0·39	− 0·21	40·7	+ 13·5	54	+ 18
	(Dunmow)												33·8	—	45	—
Southern part.	Cambridge	72	42	65·0	52·2	58·4	+ 7·6	115	0	4	0·63	+ 0·10	29·0	+ 4·5	38	+ 6
	Felixstowe	65	50	62·6	56·4	59·4	+ 8·3	122	0	5	0·20	—	46·8	—	62	—
	Clacton-on-Sea	65	51	62·6	55·7	59·1	+ 6·8	120	0	4	0·15	—	45·9	—	60	—
	Rothamsted	68	47	61·9	50·7	56·1	+ 6·5	99	0	5	0·86	+ 0·19	26·0	0·0	34	0
	†Shoeburyness (Southend)	69	50	64·1	55·6	59·7	+ 7·0	124	0	5	0·38	+ 0·41	45·3	—	60	—
	London, Westminster	70	50	64·0	53·7	58·7	+ 7·9	117	0	4	0·65	+ 0·05	26·8	+ 9·0	35	+ 12
4. MIDLAND COUNTIES. Eastern part.	Harrogate	65	39	59·6	49·1	54·2	+ 5·9	85	0	6	0·85	+ 0·12	19·2	—	25	—
	†Bawtry (Worksop)	67	40	61·1	50·0	55·4	+ 6·1	94	0	5	0·56	− 0·01	16·1	− 4·0	21	− 5
	Nottingham	69	47	61·7	51·1	56·2	+ 6·1	99	0	5	0·74	+ 0·19	15·0	—	20	—
	†Colly Weston (Oundle)	69	46	62·1	51·3	56·5	+ 6·2	102	0	6	0·51	− 0·08	23·2	—	31	—
	Birmingham, Edgbaston	63	41	58·7	50·0	54·2	+ 4·6	85	0	6	1·23	+ 0·59	9·2	—	12	—
	Oxford	66	47	61·6	50·9	56·1	+ 5·6	99	0	5	0·97	+ 0·37	19·2	− 5·8	25	− 8
Western part.	†Cheadle (Sheffield)	61	37	57·6	48·6	53·0	+ 4·8	77	0	6	1·04	+ 0·30	13·0	—	17	—
	Shrewsbury	64	48	59·6	49·3	54·3	+ 3·7	86	0	6	0·90	—	*	*	*	*
	Hereford	62	45	58·8	50·5	54·5	+ 4·7	88	0	7	0·83	+ 0·23	*	*	*	*
	Cirencester	61	46	58·9	48·6	53·6	+ 4·3	81	0	7	1·64	+ 0·64	14·4	− 10·1	19	− 13
	Bath	63	47	60·9	51·3	56·0	+ 5·8	98	0	6	1·60	+ 0·92	18·4	—	24	—
	(Margate)												45·8	+ 19·8	60	+ 26
5. ENGLAND, S.	Kew	69	43	63·7	52·0	57·7	+ 6·9	110	0	5	0·87	+ 0·27	27·3	+ 4·1	36	+ 5
	Wisley, Surrey	68	50	63·1	52·5	57·6	+ 7·3	109	0	5	1·31	—	25·4	—	33	—
	†Swarraton (Ventnor)	65	48	60·7	51·0	55·7	+ 6·1	96	0	5	1·45	+ 0·67	19·1	− 10·4	25	− 14
	Tunbridge Wells	70	49	64·0	52·2	57·9	+ 7·4	111	0	5	0·55	− 0·20	40·2	+ 13·3	53	+ 18
	†Dungeness (Littlestone)	66	50	63·0	57·1	60·0	+ 6·9	126	0	4	0·71	+ 0·01	46·0	—	61	—
	Hastings	68	47	63·3	54·4	58·7	+ 6·0	117	0	5	1·31	+ 0·51	43·1	+ 14·3	57	+ 19
	Southampton	65	44	62·4	53·0	57·6	+ 5·1	109	0	5	1·71	+ 0·93	21·4	− 5·7	28	− 8
	†Portland Bill (Worthing)	62	55	60·3	56·4	58·3	+ 4·5	114	0	6	1·19	—	29·4	—	39	—
	(Eastbourne)												40·7	+ 15·2	54	+ 20
6. SCOTLAND, W.	†Laudale, (Oban)	61	34	56·2	47·2	51·6	+ 2·7	67	0	7	1·81	+ 0·09	12·8	—	17	—
	Glasgow	63	37	57·5	49·2	53·2	+ 5·0	78	0	6	1·18	+ 0·35	13·5	− 3·5	18	− 5
	Dumfries	64	36	60·9	48·8	54·7	+ 5·9	89	0	6	0·55	− 0·36	*	*	*	*
	Cally	57	32	55·7	44·8	50·1	+ 1·6	57	0	6	1·44	+ 0·34	*	*	*	*
	Douglas, Isle of Man	60	39	57·6	51·0	54·2	+ 4·6	85	0	7	1·18	+ 0·14	17·8	− 7·2	23	− 10
7. ENGLAND, N.W.	Aspatria	66	35	60·6	48·2	54·2	+ 6·1	85	0	6	0·86	− 0·04	16·3	—	22	—
	Newton Rigg	63	34	58·2	46·3	52·1	+ 4·6	71	0	7	0·68	− 0·19	15·7	− 4·8	21	− 6
	Stonyhurst	64	38	59·2	49·0	54·0	+ 4·8	84	0	6	0·71	− 0·41	14·5	− 6·8	19	− 9
	Blackpool	64	41	59·3	49·1	54·1	+ 3·8	85	0	7	0·60	− 0·30	14·5	− 7·8	19	− 10
	Manchester, Prestwich	64	38	60·3	50·4	55·2	+ 6·1	92	0	7	1·12	+ 0·23	12·3	− 4·0	16	− 5
	†Liverpool Obs. (Hoylake)	64	46	58·3	50·4	54·2	+ 3·4	85	0	7	0·81	+ 0·01	9·8	—	13	—
	†Hawarden Bridge (Southport)	66	46	59·5	51·2	55·2	+ 4·4	92	0	6	0·82	+ 0·12	11·4	—	15	—
NORTH WALES	Llandudno	65	44	61·5	49·8	55·5	+ 3·2	95	0	7	0·92	+ 0·08	19·5	− 2·0	26	− 3
	†Holyhead (Aberdovey)	62	47	58·1	51·6	54·8	+ 2·7	90	0	7	1·08	+ 0·14	22·5	—	30	—
	Bettws-y-Coed	66	43	60·1	48·1	53·9	+ 2·1	83	0	7	0·89	—	20·0	—	26	—
SOUTH WALES	Llangammarch Wells	62	39	57·6	48·5	52·9	+ 2·6	76	0	7	1·51	—	13·8	—	18	—
	Pembroke	60	48	58·7	52·7	55·6	+ 2·9	95	0	6	0·93	+ 0·06	30·2	+ 4·7	40	+ 6
	†Cardiff (Aberystwyth)	62	45	59·6	51·6	55·5	+ 4·6	95	0	7	1·01	− 0·04	26·3	—	35	—
8. ENGLAND, S.W.	†Clifton (Torquay)	63	48	59·5	52·3	55·8	+ 4·3	97	0	6	1·18	+ 0·34	19·1	− 7·9	25	− 10
	†Shaftesbury (Marlborough)	61	46	58·5	50·3	54·3	+ 4·1	86	0	6	1·57	+ 0·77	15·3	− 8·3	20	− 11
	†Arlington (Newquay)	60	44	58·0	49·0	53·4	+ 2·9	80	0	7	1·11	− 0·26	36·2	+ 9·7	48	+ 13
	Cullompton	63	45	60·1	48·3	54·0	+ 3·5	84	0	6	1·02	+ 0·16	15·8	− 7·7	21	− 10
	Plymouth	63	42	59·8	50·5	55·0	+ 2·1	91	0	6	0·64	− 0·19	21·2	− 4·8	28	− 6
	Falmouth	62	46	59·7	50·7	55·1	+ 1·9	92	0	4	0·87	− 0·23	40·8	+ 12·6	54	+ 17
9. IRELAND, N. Western part.	Malin Head	62	45	56·3	49·1	52·6	+ 2·4	74	0	5	0·35	− 0·35	*	*	*	*
	Edenfel	63	40	56·4	45·7	50·9	+ 3·4	62	0	7	0·99	+ 0·06	*	*	*	*
	Blacksod Point	60	43	56·6	46·4	51·4	+ 0·0	66	0	5	0·89	− 0·24	*	*	*	*
	Markree Castle	62	35	57·7	43·7	50·5	+ 1·9	60	0	5	0·83	− 0·13	24·2	+ 3·4	32	+ 4
Eastern part.	Armagh	65	36	57·3	46·4	51·7	+ 3·2	68	0	6	1·74	+ 1·11	26·5	+ 4·8	35	+ 6
	Donaghadee	62	42	56·4	50·1	53·2	+ 3·3	78	0	7	1·67	+ 1·01	*	*	*	*
10. IRELAND, S. Eastern part.	†Dublin, City (Phœnix Park)	64	40	58·5	49·7	54·0	+ 3·1	84	0	6	1·02	+ 0·38	30·1	+ 4·2	40	+ 6
	Kilkenny	63	39	57·4	47·1	52·1	+ 2·0	71	0	7	1·96	+ 1·28	*	*	*	*
	Waterford	65	40	60·7	49·0	54·7	+ 4·2	89	0	6	2·24	+ 1·38	*	*	*	*
Western part.	Birr Castle	63	36	57·6	43·4	50·3	+ 1·1	58	0	5	1·49	+ 0·83	27·6	+ 3·9	36	+ 5
	Foynes	?58	44	?52·2	48·9	?50·5	+ 0·2	60	0	7	1·27	+ 0·45	*	*	*	*
	Killarney	65	41	60·4	48·4	54·2	+ 2·8	85	0	6	1·31	+ 0·12	*	*	*	*
	Valencia	62	41	58·7	47·6	53·0	+ 0·6	77	0	6	1·21	− 0·01	32·6	+ 8·1	43	+ 11
	†Roches Point (Ballinacurra)	61	47	58·4	51·4	54·8	+ 2·7	90	0	7	0·57	− 0·36	33·6	—	44	—
11 ENGLISH CHANNEL	Scilly, St. Mary's	63	53	60·4	54·6	57·4	+ 2·8	108	0	6	0·52	− 0·28	51·2	+ 22·5	67	+ 29
	†Jersey, St. Aubins (St. Heliers)	68	49	63·0	54·4	58·6	+ 3·2	116	0	7	1·88	+ 0·93	13·1	− 17·9	17	− 23
	Guernsey	64	51	60·5	54·2	57·3	+ 2·4	107	0	6	1·42	+ 0·40	14·7	− 13·3	19	− 17

Information for Stations marked ℳ is supplied by the Royal Meteorological Society, and that for Stations marked 𝒮 is supplied by the Scottish Meteorological Society.

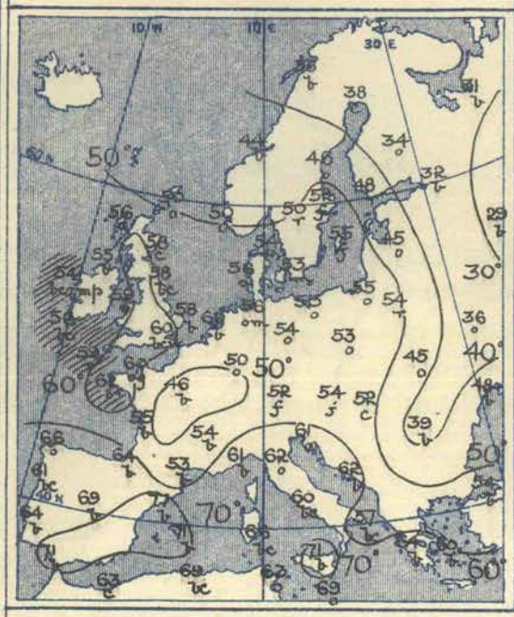
* An Asterisk is inserted in all places for which the information is not usually given.

† There is no Sunshine Recorder in use at this Station. The figures entered for Sunshine are those recorded at a Station in the same district of which the name is given in brackets.

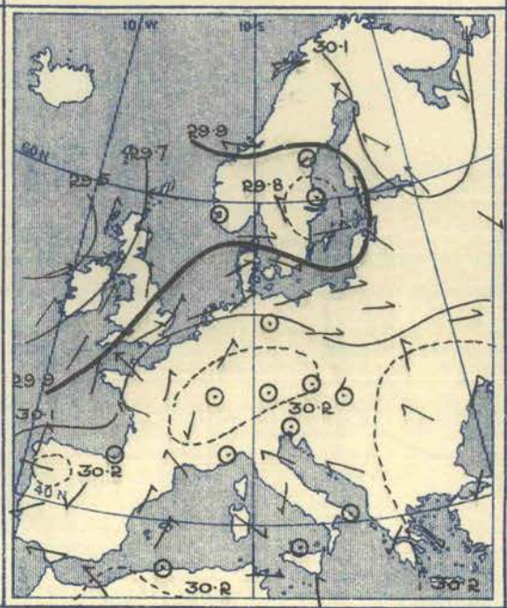
Additional Sunshine Totals for the week: Ramsgate, 49·6 hrs., 65 %; Brighton, 30·9 hrs. (+ 1·9), 41 % (+ 3 %); Bournemouth, 18·8 hrs., 25 %; Bognor, 27·2 hrs., 36 %; Rhyl, 22·3 hrs., 29 %; Tenby, 28·1 hrs. (+ 2·0), 37 % (+ 3 %).

Sunday, 7th October, 1906.

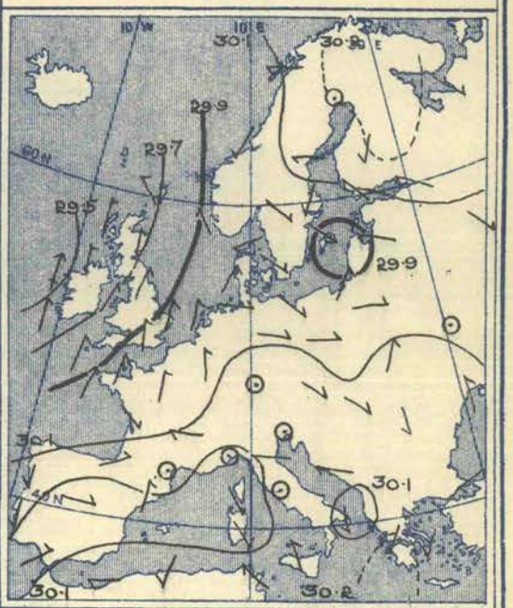
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine and bright in the southern and eastern parts of our area and fair in several other regions. Dull and rainy on some parts of our west and south-west coasts, as well as at various stations in the south of Scandinavia and in Central Europe. Rain later in all British and Irish localities, and also in the west of France and west of Russia.

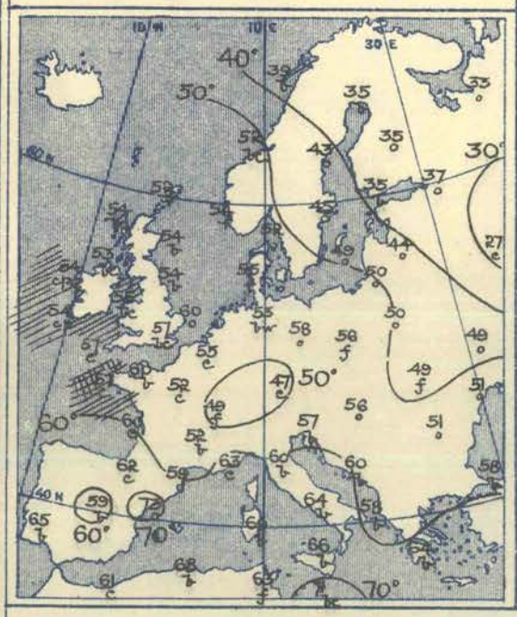
TEMPERATURE risen as a whole; fallen in Norway, France, and at some stations in the south of Europe. Readings in morning ranging from 77° at Barcelona, and about 70° at a few other spots in Southern Europe, to about 60° over the United Kingdom, and to below 40° in the north and east of our area. Lowest reading, 29° at Moscow. Rising subsequently to 66° at some of our own stations, to above 70° in France and the Mediterranean region, and to 80° or above in a few places; highest value, 88° at San Fernando. Maxima below 60° in the north and north-east of our area.

WIND in morning moderate to fresh or strong from the Southward or South-Westward over the United Kingdom and its vicinity generally, but Easterly in Norway and the Shetlands. A feeble cyclonic circulation prevailing over the south of Sweden, and light anticyclonic airs over the major portion of Central and Southern Europe. No great change later in day, but Southerly current increasing to a fresh gale on the north-west coast of Ireland.

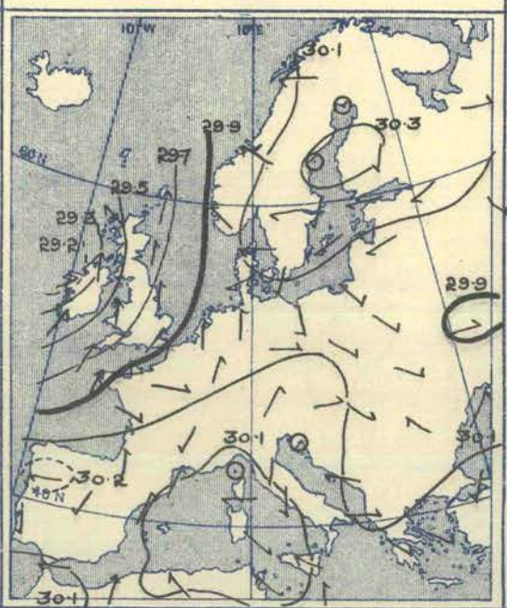
BAROMETER at 8 a.m. ranging from 30·1 ins. to above 30·2 ins. in a very extensive high pressure system covering the whole of Southern and Central Europe to below 29·8 ins. in a depression over the south of Sweden, and to below 29·5 ins. in another disturbance off the north-west of Ireland. Pressure above 30·1 ins. over Finland and the north of Russia. A fresh fall of the barometer setting in on the south-west coast of Ireland by evening, but not much change taking place in the general distribution of pressure. A tendency to fall over the south of our area and to rise in the far north.

Monday, 8th October, 1906.

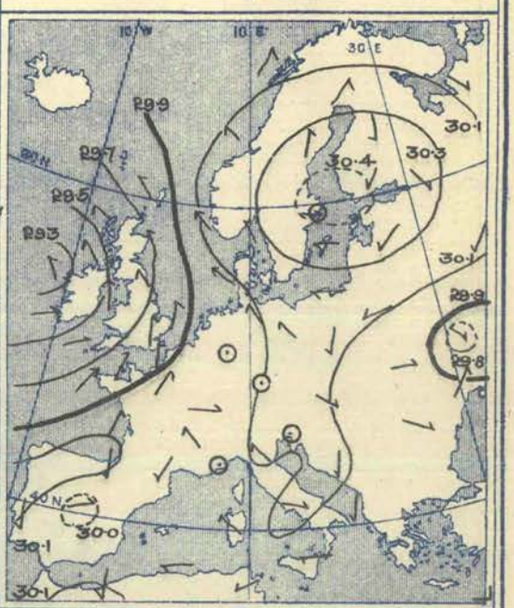
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine and bright in many parts of Southern Europe and Great Britain, cloudy or overcast over the major portion of our area, with showers in Ireland, rain at Skudesnaes, and fog in various places in Central Europe. Rain falling later in most parts of the United Kingdom, as well as in several parts of France and Russia.

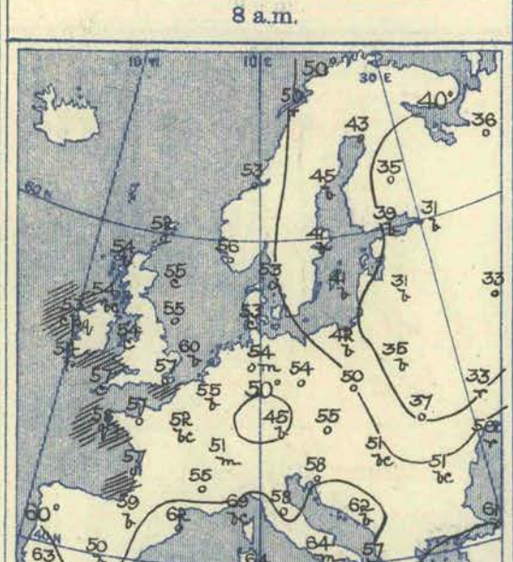
TEMPERATURE fallen generally, risen in Norway. Readings in morning below 40° in the north-east and east of Europe, and as low as 27° at Moscow; above 55° at many of our own stations and over the greater part of France, and above 65° in the far south. Highest readings, 71° at Malta and 73° at Barcelona. Rising subsequently to 86° at San Fernando, to nearly 80° in several other southern localities, and to 66° in some English districts. Thermometer only rising to 43° at St. Petersburg and Haparanda.

WIND in morning Southerly over our Islands, light in the east and very strong in the west. An anticyclonic circulation prevailing over Scandinavia and its neighbourhood and very light variable airs in the south of Europe and over the Mediterranean. Backing to the South-Eastward in Scotland and on the north coast of Ireland later in day and increasing to a very strong breeze from the Eastward on the coast of Jutland.

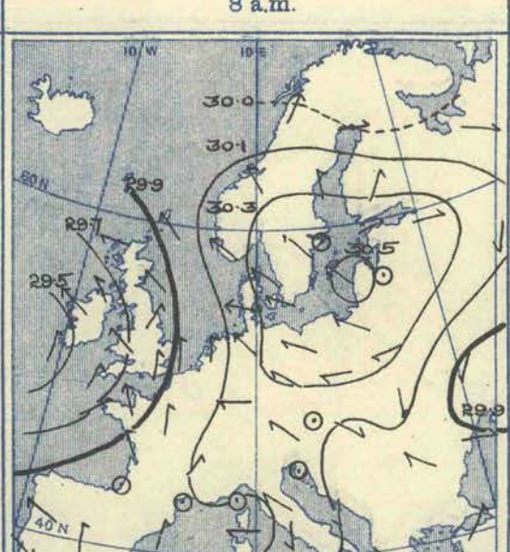
BAROMETER at 8 a.m. as high as 30·3 ins. in an anticyclonic system over the north of our area, and below 29·2 ins. in a depression centred off the north-west coast of Ireland. Gradients rather steep over Ireland and the west of Great Britain. A shallow disturbance shown over Little Russia, but barometer very uniform over the major portion of the Continent. Irish depression travelling westwards during day and barometer commencing to rise again in Ireland and Scotland and continuing to rise over the west and south of Scandinavia. Pressure decreasing slowly over France and southern Europe generally. Disturbance in Little Russia growing deeper.

Tuesday, 9th October, 1906.

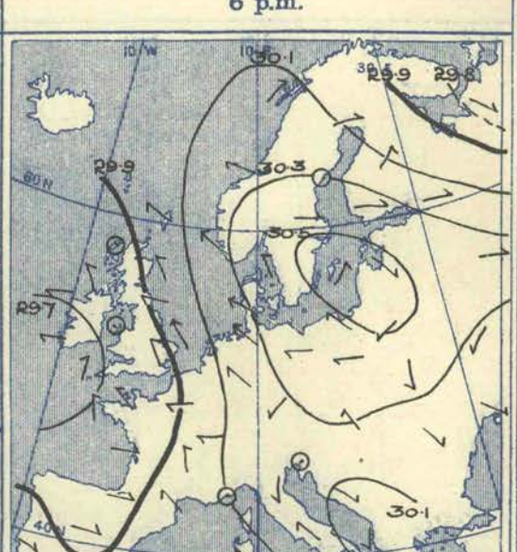
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fair or fine as a whole, but showery on the west coast of Ireland and rainy at Bodö, as well as at Constantinople and over the south of Russia. Varying amounts of rain falling in most parts of our Islands during the ensuing twenty-four hours, and a thunderstorm occurring at Dungeness. Thunderstorms, with considerable falls of rain, experienced at several stations in France.

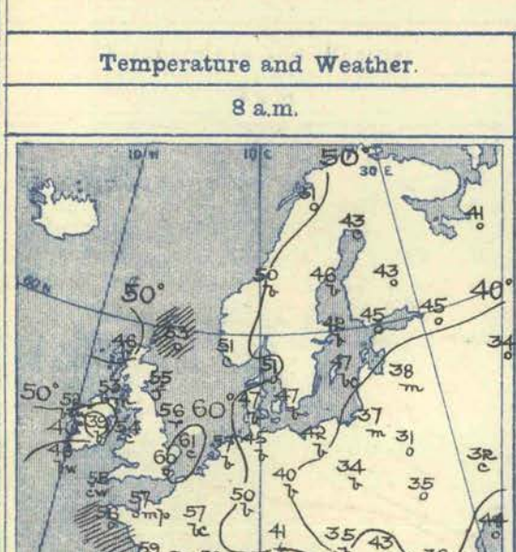
TEMPERATURE fallen over the Spanish Peninsula, the Baltic, and the central countries of Europe, risen or changed little elsewhere. Morning readings as low as 29° at Helsingfors and 31° at Riga and St. Petersburg; above 50° over the greater portion of our area, and above 60° in various southern localities. Highest readings, 73° at Malta and 75° at Barcelona. Maxima during day, 81° at Sfax, 79° at San Fernando, and only slightly lower at some other southern stations. Thermometer rising to 72° at Brussels, to above 60° in many parts of the United Kingdom, and to 57° at Hernösand, but only touching 50° at Lemberg and 46° at Cracow.

WIND in morning showing a very extensive anticyclonic movement over the northern and central countries, a complete cyclonic circulation over the south of Russia, and Southerly to South-Easterly breezes over our Islands and their immediate vicinity. Little force generally, but fresh or strong winds blowing on the eastern shores of the North Sea and very strong winds in the north of Scandinavia. No great change during day; becoming rather more Easterly over this country.

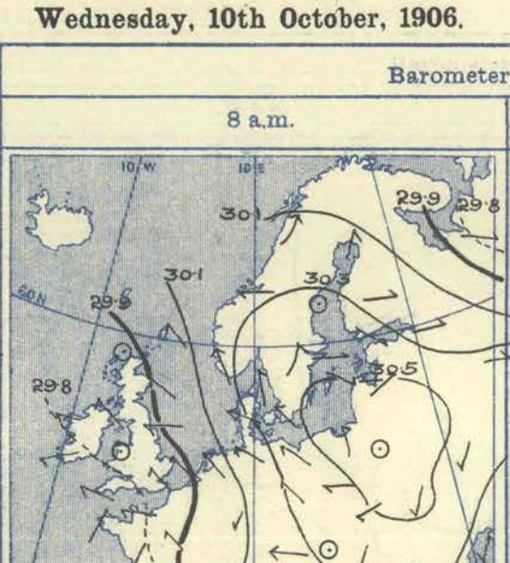
BAROMETER at 8 a.m. above 30·5 ins. over the Baltic in the central portion of a very large anticyclone; decreasing to below 30·0 ins. beyond the Arctic Circle, to below 29·9 ins. in a depression over Little and South Russia, and to less than 29·5 ins. in a disturbance to the westward of Ireland. Readings very uniform over the Mediterranean region. Russian low pressure system and also that off Ireland apparently travelling southwards later; anticyclone increasing both in size and intensity. Pressure increasing rather decidedly over the south and west of Ireland.

Wednesday, 10th October, 1906.

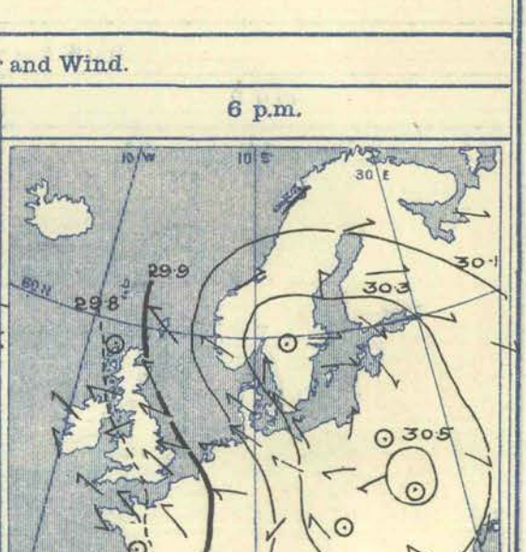
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine and bright over the greater part of the Continent, but foggy at some places, and rainy in the west of France; cloudy or dull at most of our own stations, with rain in some parts of England and fog on the east coast of Scotland. Thunderstorms and very heavy rain later in the western and south-western departments of France—2·5 ins. measured at Biarritz and 1·3 ins. at Perpignan and Rochefort. Considerable falls of rain and some thunderstorms experienced in different parts of England.

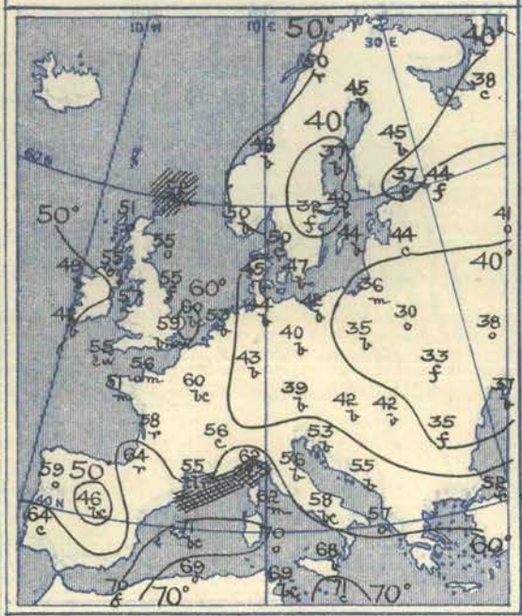
TEMPERATURE risen except over Ireland and the central countries of the Continent. Readings in morning ranging from 73° at Barcelona and Malta to 60° in the south-east of England, below 40° at Birr Castle and over the major portion of Austria, Poland, and Russia. Lowest value, 31° at Warsaw. Maxima during day as high as 68° or 69° in the south-east of England, above 70° in various parts of France and Southern Europe, and above 80° in Algeria. Thermometer failing to touch 50° at some stations in the central countries, and only rising to 57° at Madrid.

WIND at 8 a.m. Westerly over the Spanish Peninsula and the south-west of France and South-Easterly to Easterly over our Islands and the north-western countries generally; fresh or strong in force on the Danish coast and in the east of England. An anticyclonic circulation prevailing over the eastern half of our area and light variable winds over the Mediterranean. A very strong breeze from South-West blowing at Bodö. Scarcely any change occurring later in day.

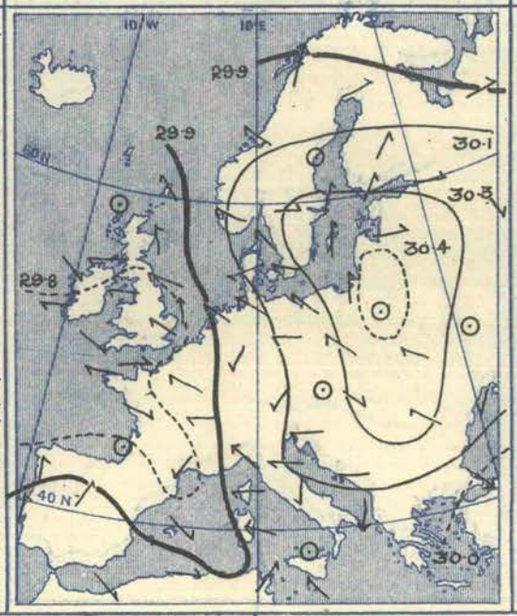
BAROMETER in morning above 30·5 ins. in a large high pressure system having its maximum over Poland and the surrounding regions; readings decreasing to less than 29·8 ins. over the White Sea and also in a large but not deep disturbance over the Bay of Biscay and off our south-west coasts. Anticyclonic system moving slowly in a south-easterly direction later and barometer falling slightly over the United Kingdom and Western Europe generally.

Thursday, 11th October, 1906.

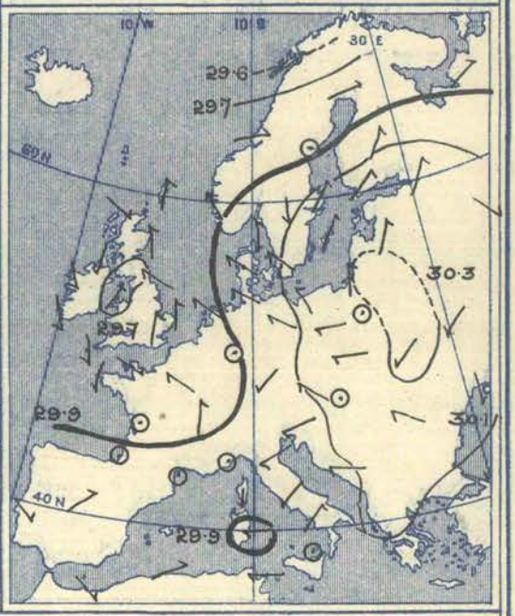
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. varying much in different regions; rainy in the western and south-western departments of France, with a thunderstorm at Perpignan, fine and bright in the south-east of England, but cloudy or overcast over our Islands generally, with fog in several places, fine and bright in most Continental localities, but rain falling both at Bodö and Constantinople. Very heavy rain—1·0 in. to more than 2·5 ins.—later at some places in the extreme south of France, more than an inch in the south of Scotland and the northern half of Ireland, and considerable falls in the north and north-west of our Islands generally.

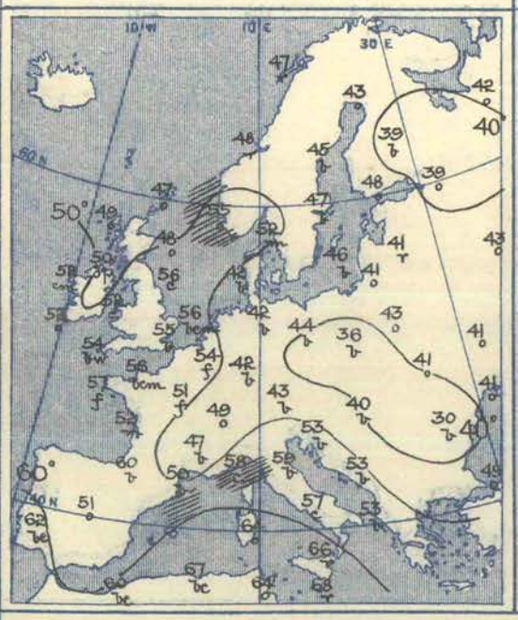
TEMPERATURE fallen generally, risen in Algeria and Portugal. Readings in morning below 32° in some parts of Poland and less than 40° at many stations in the east and north-east of our area. About 60° in the south-east of England and in various districts of Southern Europe, and as high as 71° at Palma and Malta. Maxima very high in the south-east of this country; thermometer rising to 70° in London and at Folkestone and to 71° at Margate. Day also very warm in Belgium, France, and many parts of the Mediterranean region; maxima, 78° at Paris, 76° at Brussels, above 70° in many other places, and as high as 84° at Tunis.

WIND in morning showing a vast anticyclonic circulation of little force over the Continent and light or moderate breezes, mainly cyclonic, over these Islands and France. No great change during day; cyclonic movement over the United Kingdom becoming more clearly marked.

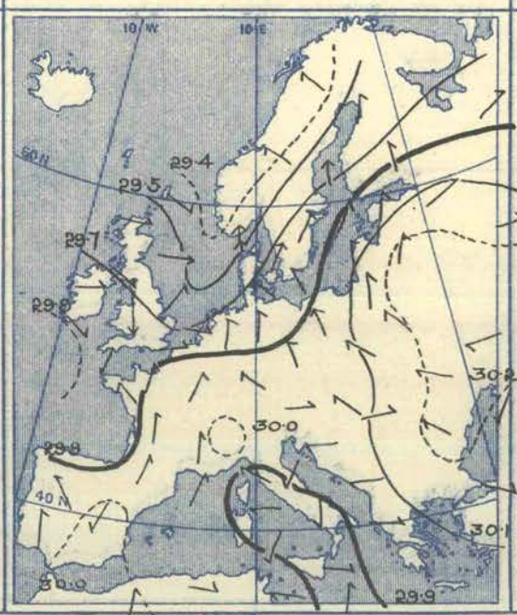
BAROMETER in morning ranging from above 30·4 ins. in a very large high pressure system having its centre over the north of Poland to below 29·8 ins. in an ill-defined low pressure area covering a considerable portion of these Islands and France. A fresh depression approaching the north of Norway during day, and high pressure system giving way somewhat and moving more to the south-eastward. Barometer falling over our Islands and rising over France.

Friday, 12th October, 1906.

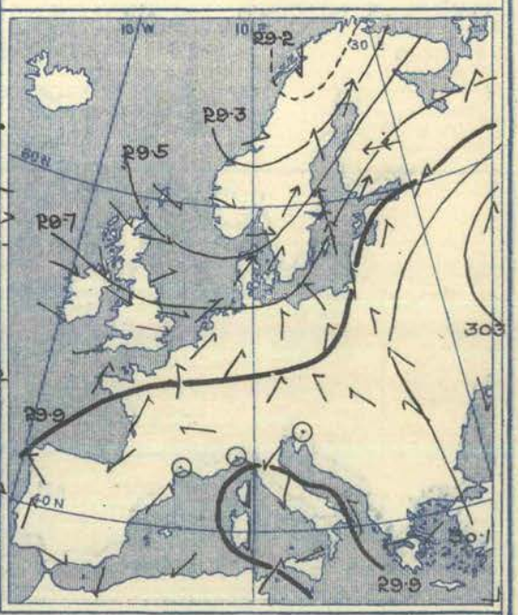
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine and bright over the major portion of the Continent and in the south-east of England, but dull and rainy along the west coast of Norway, and also at some stations on the southern shores of the Baltic. Cloudy or dull in most parts of the United Kingdom, with rain in some northern and north-western localities. Rain experienced later throughout these Islands, the north of France, and at some German stations, and heavy amounts in Norway.

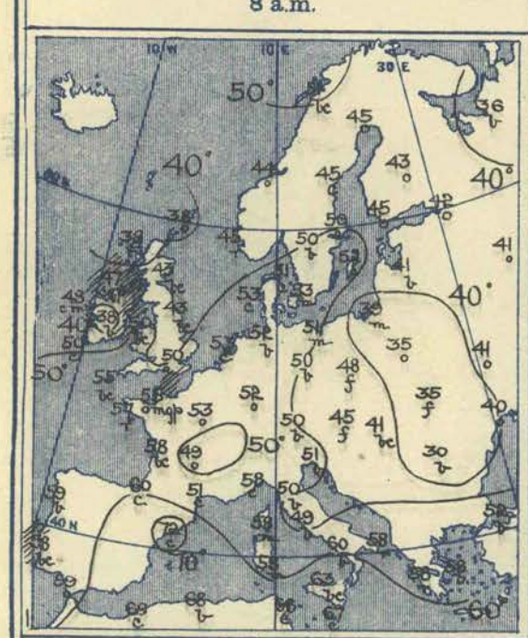
TEMPERATURE risen in many parts of Scandinavia and Germany, fallen in most other regions. Readings in morning ranging from 73° at Sfax, and about 60° at a few other southern stations, to a little below 60° in the south-east of England, and to below 40° in various parts of north-eastern and eastern Europe. Lowest values, 33° at Cracow and 30° at Hermanstadt. Maxima during day above 70° in the extreme south of our area, and as high as 82° at Tunis; above 60° in many parts of these Islands, but below 55° at some Scotch stations.

WIND in morning light to fresh from between North-West and West over our Islands, and moderate to strong from the Southward on the eastern side of the North Sea; a strong gale prevailing from South-South-East at Skudesnaes. A very extensive anticyclonic movement shown over the eastern half of our area. Decreasing in force and veering to West and North-West in Norway by evening, but increasing to a gale from the Southward in the south-east of Sweden.

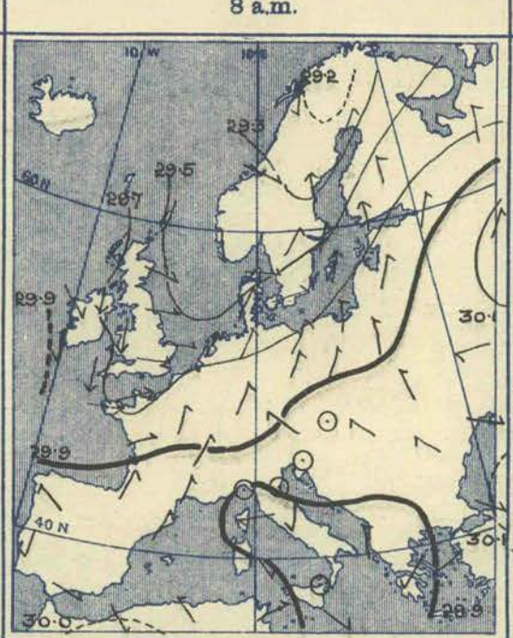
BAROMETER in morning above 30·2 ins. in a large anticyclone centred over Russia; below 29·9 ins. in a shallow depression over the Mediterranean, and below 29·4 ins. in a large disturbance having its minimum off the west coast of Norway. A "V-shaped" trough of relatively low pressure extending from the northern depression across these Islands. High and Low pressure systems both travelling in an easterly direction during day. Barometer falling over the southern part of our Islands, rising in the north.

Saturday, 13th October, 1906.

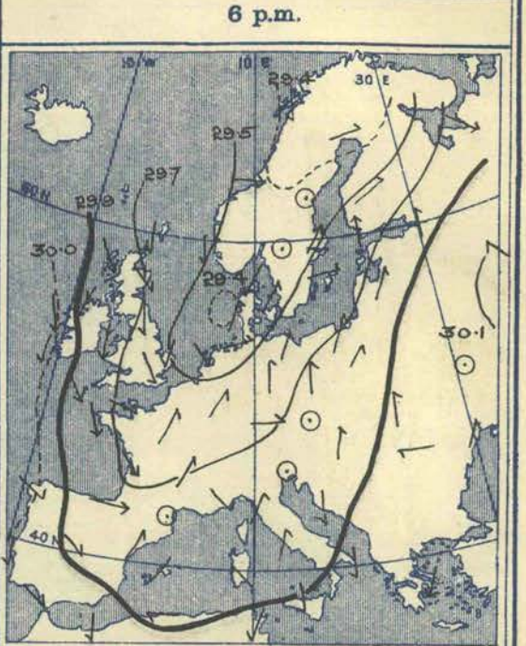
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fair or fine over the major portion of our area, but showery or rainy in several parts of the United Kingdom and the north of France, as well as at Skudesnaes and Brindisi, and dull in many other regions. Thunderstorms and heavy rains later in several parts of France, and also at Jersey and Bilbao, and slighter falls of rain in various parts of Germany, the Low Countries, and most British and Scandinavian localities. Hail, sleet, and snow showers experienced in Scotland.

TEMPERATURE fallen over our Islands, Norway, and at some Italian stations, risen in most other localities. Readings in morning above 70° at Barcelona, and above 60° in a few other places. Below 50° over the greater part of the Continent and the United Kingdom, and below 40° in some districts. Lowest reading, 30° at Hermanstadt. Maxima below 60° over the United Kingdom generally and below 45° at some Scotch stations. Thermometer rising to above 70° in the south of Europe and Algeria, highest reading being 77° at San Fernando.

WIND in morning light to fresh or strong from the Northward over these Islands, from the South-Westward over France and the Low Countries, and from the Southward in Sweden and Finland. Light cyclonic breezes prevailing over most of the Mediterranean region. Northerly current increasing to a fresh gale by evening on some parts of our west coasts and to a strong breeze in many other parts of these Islands and the north of France.

BAROMETER in morning ranging from above 30·1 ins. in an anticyclone over Russia, to 29·2 ins. or less in a depression over the north of Scandinavia. Relatively low over the North Sea and the south of England, and also over the central portion of the Mediterranean and Italy. Barometer rising rather decidedly later over Scotland and Ireland and falling over the north of France and the Low Countries. Gradients becoming rather steep over the greater portion of the United Kingdom.

IV.—TEMPERATURE on the Grass, and in the Ground.

	STATION.	Grass Min. No. of Obs. of 30° or less.	Grass Min. Lowest reading.	Mean Earth Temp. At 1 foot.	Mean Earth Temp. At 4 feet.
			°	°	°
2.	York	—	—	55·5	54·9
2.	Hull	0	35	55·0	55·0
3.	Cambridge	0	43	—	—
3.	Dunmow	0	38	—	—
4.	Harrogate	0	35	53·7	53·0
4.	Sheffield	0	40	54·6	54·0
4.	Birmingham	0	42	54·5	53·8
4.	Nottingham	0	43	55·9	56·7
5.	Kew	0	45	57·3	56·6
5.	Canterbury	0	43	59·3	57·7
5.	Portsmouth	0	46	58·6	59·1
6.	Glasgow	0	32	—	—
7.	Newton Rigg	1	28	54·1	53·7
7.	Bettws-y-Coed	0	42	53·9	53·0
7.	Manchester (Oldham Road)				
8.	Llangammarch Wells	0	33	54·8	54·3
8.	Bath	—	—	57·9	59·0
8.	Plymouth	0	38	57·2	—
9.	Armagh	1	29	54·1	55·0
9.	Markree	0	33	—	—
10.	Dublin, Trin. Coll.	0	35	54·4	55·1
11.	Guernsey, Brooklyn	0	39	58·1	59·7

V.—OBSERVATIONS IN THE UPPER AIR.—Temperature, Humidity and Wind Velocity.

Date of Observation.	Station and its Height above M.S.L.		Heights in feet above Mean Sea Level. Ground Level.	1,660.	3,320	5,000.	6,680.	8,320.	10,000.	Remarks
1906. October 12th, 11.30 a.m. to 12.40 p.m.	Oxshott, 200 ft.	Temperature F.	60°	51°	44°					One 9 ft. kite, 5,600 ft. wire. Max. height 3,900 ft. Temperature 43°. Gusty wind with detached cumulus. Cloud level not well defined, the lowest cloud met with at 3,000 ft.
		Humidity	60%	85%	100%					
		Wind Velocity, m. per hr.	SW, 12	W by S, 28	W, 35					
October 13th, 3.20 p.m. to 4.50 p.m.	Glossop Moor, 1,100 ft.	Temperature F.	44°	—	—	[21°]				Defective record (clock stopped.) One 9ft. kite, wire 5,500 ft. Max. height 4,900 ft. Cloud level about 3,600 ft. Squall with rain and sleet at 4 p.m.
		Humidity	80%	—	—	[100%]				
		Wind Velocity, m. per hr.	NW	—	—	NW by N				
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								

63, Victoria Street, London, S.W. *October 17th, 1906.* W. N. SHAW, *Director.*

ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE,

AND PUBLISHED FOR H.M. STATIONERY OFFICE BY WYMAN AND SONS, LTD., FETTER LANE, E.C., AND 32, ABINGDON STREET, WESTMINSTER, S.W.; OR OLIVER AND BOYD, EDINBURGH; OR E. PONSONBY, 116, GRAFTON STREET, DUBLIN.

TWENTY-NINTH YEAR. Vol. XXIII. (New Series.) } No. 42. FORTY-SECOND WEEK, ENDING SATURDAY, OCTOBER 20TH, 1906. [Price 6d. Annual Subscription post paid £1 10s. 0d.

I.—GENERAL REMARKS.

Weather, although generally unsettled, was very fine and bright at times, especially in Ireland and the south of England. Rain fell almost daily over the major portion of the Kingdom, and was unusually persistent and heavy in many northern and north-eastern localities. In various parts of Scotland sleet and snow were experienced on Friday. Thunder and lightning occurred at Laudale on the 16th, and lightning at many other northern stations, while thunder was heard later in the week both in the south-west of Ireland and in the Scilly Isles.

Temperature was below the average in Ireland, Scotland, and the north of England, above it elsewhere. The highest of the maxima were registered, as a general rule, early in the week and ranged from 65° in England E. and 64° in the English Channel to 57° in Scotland N. and W. The lowest of the minima were recorded at most stations on the 19th or 20th. In England S.W. (at Llangammarch Wells) the thermometer fell to 23° and in Ireland (at Markree and Kilkenny) to 24°, while elsewhere the values ranged from 26° in Scotland N. to 34° in England S. and to 39° in the English Channel.

Rainfall was less than the average in Ireland, England E. and S., Scotland W. and the English Channel, but above it in all other districts. In most northern localities the fall was very heavy; in England N.E. it amounted to nearly three times the normal and in Scotland E. to considerably more than three times the normal. As much as 2·0 ins. were measured on the morning of Friday at Alnwick Castle and 1·8 in. at North Shields, and on the following morning 1·9 in. at Crathes and Nairn, and 2·1 ins. at Balmoral. At Marchmont the aggregate fall for Thursday and Friday was 3·36 ins.

Bright Sunshine was rather in excess of the average except in England S.W. and the English Channel. The percentage of the possible duration ranged from 40 in Ireland N. and England S. to 31 in Scotland E. and to 28 in England S.W. and N.W.

Barometer and Wind.—The general distribution of pressure underwent much modification from time to time. At first the barometer was highest off our south-west coasts and the wind over our Islands mainly Westerly to Northerly. From Monday until Wednesday a South-Westerly to Westerly type prevailed, with large depressions far away to the Northward and occasional secondaries over the United Kingdom. During the night of Thursday one of the latter systems became much deeper and at 8 a.m. on Friday, when its centre lay to the eastward of North Shields, gradients had already grown steep in its immediate neighbourhood. During the day it increased still further in intensity as it moved north-north-westwards towards Aberdeen, and the North-Easterly and Easterly winds along the east coasts of Scotland rose to a fresh or strong gale. The system finally dispersed over the northern part of the North Sea and the strong winds in the north died down. Another depression that approached the Irish coasts on Saturday produced very strong Southerly winds on many parts of our south-west coasts and an Easterly gale on the north-west coast of Ireland.

SUMMARY OF TEMPERATURE, RAINFALL, AND DURATION OF BRIGHT SUNSHINE IN THE UNITED KINGDOM, FOR AGRICULTURAL AND SANITARY PURPOSES.

THE WEEK (42nd)—October 14th to October 20th, 1906.

DISTRICTS. (See p. 248.)	Temperature. Highest.	Lowest.	Means of: Daily Max.	Daily Min.	Daily Mean.	Difference from Av. (35 Yrs.)	Accumulated Number of Day-Degrees: Above 42°	Difference from Av. (25 Yrs.)	Below 42°	Difference from Av. (25 Yrs.)	Rainfall. Number of Rain-Days.	Diff. from Av. (35 Yrs.)	Total Fall.	Difference from Average (35 Yrs.)	Sunshine. Hours recorded.	Diff. from Av. (25 Yrs.)	Percentage of Possible Duration	Diff. from Av. (25 Yrs.)
	°	°	°	°	°	°	Day-deg.	Day-deg.	Day-deg	Day-deg.			Inches.	Inches.			%	%
0. SCOTLAND, NORTH ..	57	26	49·8	35·2	42·3	- 3·2	31	- 2	19	+10	5	0	1·71	+0·46	23	+ 5	33	+ 8
1. SCOTLAND, EAST ..	58	27	50·2	36·1	42·9	- 2·6	31	- 5	17	+ 7	6	+ 2	2·42	+1·69	22	+ 4	31	+ 6
2. ENGLAND, N.E. ..	58	32	52·9	41·0	46·8	- 0·7	38	- 4	3	- 2	5	+ 1	1·82	+1·17	27	+ 4	37	+ 5
Eastern 3. ENGLAND, EAST ..	65	33	57·8	44·3	50·9	+ 2·0	62	+ 12	0	- 6	3	- 1	0·41	-0·20	26	+ 4	36	+ 5
4. MIDLAND COUNTIES	62	29	55·7	40·6	48·0	+ 0·4	48	+ 1	4	- 4	5	+ 1	1·20	+0·55	25	+ 2	35	+ 3
5. ENGLAND, SOUTH ..	63	34	58·3	44·7	51·3	+ 1·8	65	+ 5	0	- 4	5	+ 1	0·72	-0·05	29	+ 5	40	+ 6
6. SCOTLAND, WEST ..	57	28	52·6	39·8	46·0	- 1·0	37	- 8	6	0	6	+ 2	1·00	-0·14	23	+ 4	32	+ 5
7. ENGLAND, N.W. ..	59	27	52·1	41·7	46·8	- 1·6	35	- 14	1	- 2	6	+ 2	1·79	+0·89	20	+ 3	28	+ 3
Western 8. ENGLAND, S.W. ..	62	23	56·5	43·1	49·6	+ 0·1	53	- 5	0	- 3	6	+ 2	1·06	+0·06	20	- 5	28	- 7
9. IRELAND, NORTH ..	60	24	53·0	38·2	45·4	- 2·3	40	- 6	11	+ 6	6	+ 1	0·64	-0·19	29	+ 9	40	+12
10. IRELAND, SOUTH ..	61	24	55·1	39·6	47·1	- 2·1	46	- 8	7	+ 4	6	+ 2	0·74	-0·15	24	+ 1	33	+ 1
11. ENGLISH CHANNEL	64	39	59·2	49·2	54·1	+ 0·7	85	+ 7	0	0	6	+ 1	0·88	-0·10	25	- 2	34	- 3

THE SEASON (Autumn).—Aggregates, &c., for the Period of 7 Weeks, September 2nd to October 20th, 1906.

0. SCOTLAND NORTH ..	89	26	*	*	*	*	473	+ 85	19	0	28	- 5	5·80	-2·16	200	+ 46	35	+ 8
1. SCOTLAND, EAST ..	87	27	*	*	*	*	507	+101	24	0	25	- 3	5·24	+0·48	222	+ 54	39	+ 9
2. ENGLAND, N.E. ..	94	32	*	*	*	*	632	+149	3	- 8	21	- 3	3·98	0·00	238	+ 26	41	+ 4
Eastern 3. ENGLAND, EAST ..	93	32	*	*	*	*	750	+191	0	-16	19	- 5	3·38	-0·47	275	+ 54	48	+10
4. MIDLAND COUNTIES	96	29	*	*	*	*	653	+144	12	- 9	23	- 1	4·64	+0·45	212	+ 29	37	+ 5
5. ENGLAND, SOUTH ..	92	33	*	*	*	*	740	+135	0	-10	22	- 2	4·22	-0·34	263	+ 41	46	+ 7
6. SCOTLAND, WEST ..	89	28	*	*	*	*	542	+ 69	8	- 7	24	- 5	5·31	-2·21	214	+ 38	37	+ 7
7. ENGLAND, N.W. ..	90	27	*	*	*	*	598	+ 75	4	- 3	26	- 1	5·21	-0·56	225	+ 45	39	+ 8
Western 8. ENGLAND, S.W. ..	88	23	*	*	*	*	659	+ 73	0	- 7	24	- 3	5·74	-0·41	255	+ 43	44	+ 7
9. IRELAND, NORTH ..	78	24	*	*	*	*	551	+ 66	11	- 2	29	- 3	3·87	-1·77	210	+ 43	36	+ 7
10. IRELAND, SOUTH ..	79	24	*	*	*	*	624	+ 76	7	0	27	- 1	4·54	-1·18	234	+ 31	41	+ 5
11. ENGLISH CHANNEL	82	39	*	*	*	*	844	+ 96	0	0	24	- 5	3·90	-1·77	286	+ 36	49	+ 6

THE YEAR.—Aggregates, &c., for the period of 42 Weeks, December 31st, 1905, to October 20th, 1906.

0. SCOTLAND, NORTH ..	89	8	*	*	*	*	1897	+ 14	665	+ 87	201	+19	40·59	+2·81	1105	+ 55	28	+ 1
1. SCOTLAND, EAST ..	88	11	*	*	*	*	2243	+ 83	648	+ 20	166	+11	26·51	+1·97	1333	+131	34	+ 3
2. ENGLAND, N.E. ..	94	18	*	*	*	*	2782	+382	467	- 30	144	+ 5	18·32	-1·56	1487	+132	39	+ 3
Eastern 3. ENGLAND, EAST ..	93	23	*	*	*	*	3114†	+326	413	-135	124	-12	17·08	-1·96	1683	+261	44	+ 7
4. MIDLAND COUNTIES	96	18	*	*	*	*	2977	+266	498	- 65	139	0	19·37	-2·38	1437	+195	38	+ 5
5. ENGLAND, SOUTH ..	92	20	*	*	*	*	3138	+136	351	- 49	134	- 1	19·79	-1·53	1722	+260	45	+ 7
6. SCOTLAND, WEST ..	89	14	*	*	*	*	2441	+117	427	- 9	170	+ 7	36·50	-0·63	1341	+ 95	35	+ 3
7. ENGLAND, N.W. ..	90	16	*	*	*	*	2688	+110	383	- 16	162	+11	28·69	+2·05	1400	+155	37	+ 4
Western 8. ENGLAND, S.W. ..	88	19	*	*	*	*	2935	+ 86	327	+ 24	158	+10	31·68	+2·12	1556	+157	41	+ 4
9. IRELAND, NORTH ..	84	20	*	*	*	*	2448	- 16	366	- 1	201	+19	28·99	+0·17	1239	+ 88	32	+ 2
10. IRELAND, SOUTH ..	81	24	*	*	*	*	2949	+132	271	0	185	+22	28·25	-3·30	1370	+ 38	36	+ 1
11. ENGLISH CHANNEL	89	27	*	*	*	*	3411	+ 82	79	- 35	152	- 3	20·60	-4·63	1784	+ 80	47	+ 2

† Corresponding values for some previous weeks have been altered owing to the receipt of further information.

Bright Sunshine.—For certain of the Districts the values of Bright Sunshine in this Table are based on the records from a part only of the Stations included in Table II. For certain of the Stations Mean Values are not available, and for the Districts containing these Stations the "Difference from Average" is based on the records from a smaller number of Stations than those supplying the values for "Hours Recorded."

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II.—DATA from which the SUMMARY on page 247 has been calculated.

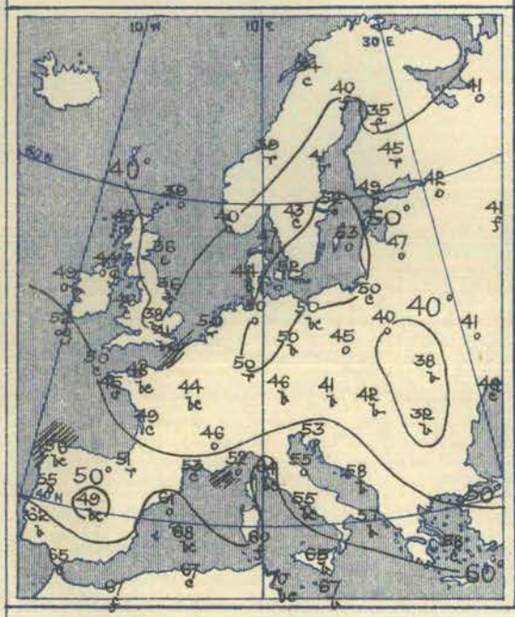
October 14-20, 1906.		Temperature. In Degrees Fahrenheit.							Rainfall.			Bright Sunshine.			
				Averages for the Week.			Difference of Daily Average from Mean for the Week.	Accumulated Heat for the Week (in Day-degrees).							
Districts.	Names of Stations.	Highest observed.	Lowest observed.	Of Highest each day.	Of Lowest each day.	For whole of each day.		Above 42°	Below 42°	Number of Rain-Days.	Rainfall in the Week.	Difference from the Mean for the Week.	Number of Hours recorded.	Difference from the Mean for the Week.	Percentage of possible duration.	Difference from the Mean for the Week.
		°	°	°	°	°	°	Day-deg	Day-deg		Inches.	Inches.	Hrs.	Hrs.	%	%
0. SCOTLAND, N.	†Sumburgh Head (Deerness)	53	33	48·6	36·3	42·3	- 3·1	26	16	7	1·32	+ 0·33	32·1	+ 13·2	47	+ 19
	Wick	54	32	49·4	35·9	42·5	- 3·3	29	17	3	0·97	+ 0·25	*	*	*	*
	†Lairg (Strathpeffer) S	54	26	51·4	31·8	41·3	- 2·8	26	40	6	1·05	+ 0·17	18·1	- 1·6	26	- 2
	Stornoway S	57	32	52·1	36·4	44·0	- 1·5	38	16	5	0·43	- 0·84	29·9	+ 11·2	43	+ 16
	Glencarron S	53	29	47·9	34·7	41·1	- 3·7	17	28	5	3·31	+ 1·18	*	*	*	*
	Fort Augustus S	54	28	49·7	35·7	42·5	- 3·7	30	18	6	2·87	+ 1·91	12·0	- 1·6	17	- 2
	Fort William S	56	28	49·7	35·5	42·4	- 4·6	30	18	6	1·99	+ 0·25	*	*	*	*
1. SCOTLAND, E.	Nairn	54	29	50·4	34·3	42·1	- 3·4	33	22	7	2·08	+ 1·52	18·5	—	26	—
	Aberdeen	57	33	51·3	37·6	44·3	- 2·1	35	12	4	1·76	+ 1·09	23·8	+ 2·0	34	+ 3
	†Balmoral (Crathes) S	53	27	46·3	34·2	40·1	- 2·4	12	29	6	2·25	+ 1·36	23·9	—	34	—
	†Clathick (Balruddery) S	58	29	50·9	36·4	43·4	- 2·3	33	16	7	2·48	+ 1·55	18·5	—	26	—
	†Leith (Edinburgh) S	56	33	51·6	39·6	45·4	- 2·3	34	7	7	2·31	+ 1·82	26·7	+ 8·9	38	+ 13
	Marchmont S	58	28	50·4	34·3	42·1	- 3·2	33	22	3	3·63	+ 2·81	21·0	+ 2·0	30	+ 3
2. ENGLAND, N.E. — Northern part.	†Alnwick Castle (Cockle Park)	56	32	52·1	37·7	44·7	- 1·8	37	12	5	2·87	+ 2·07	28·0	—	39	—
	†Shields (Newcastle)	57	32	51·7	38·7	45·0	- 2·5	35	9	4	2·29	+ 1·64	20·6	+ 5·0	29	+ 7
	Durham	57	32	50·8	39·5	45·0	- 1·3	32	7	5	2·01	+ 1·26	21·4	+ 1·7	30	+ 2
	Scarborough M	57	39	54·0	42·8	48·2	+ 0·1	43	0	5	1·94	+ 1·21	24·5	—	34	—
	York	57	34	52·9	41·1	46·8	- 0·5	37	3	5	1·56	+ 0·93	24·4	+ 5·7	34	+ 8
2. ENGLAND, N.E. — Southern part.	†Spurn Head (Saltburn)	58	40	54·3	45·0	49·5	+ 0·3	53	0	4	1·30	+ 0·69	25·4	—	35	—
	†Lincoln (Skegness)	58	34	52·8	41·1	46·8	- 0·8	37	3	4	1·35	+ 0·79	31·5	—	44	—
	†Fulbeck (Rauceby)	58	34	54·9	41·8	48·2	+ 1·3	44	1	4	1·27	+ 0·74	31·6	—	44	—
	(Cromer)												30·3	—	42	—
3. ENGLAND, E. — Northern part.	Hillington M	60	33	56·8	40·4	48·4	+ 0·4	52	4	4	0·58	- 0·07	23·6	+ 2·6	33	+ 4
	†Yarmouth (Lowestoft)	60	40	57·0	46·4	51·5	+ 2·6	67	0	3	0·30	- 0·37	31·1	—	43	—
	Geldeston	65	38	58·7	44·1	51·2	+ 2·5	64	0	4	0·21	- 0·40	22·5	- 1·5	31	- 2
	(Dunmow)												22·5	—	31	—
3. ENGLAND, E. — Southern part.	Cambridge	61	35	57·9	42·1	49·8	+ 1·5	55	0	3	0·64	+ 0·10	26·7	+ 4·9	37	+ 7
	Felixstowe	61	40	58·3	46·6	52·3	+ 2·7	72	0	3	0·12	—	31·3	—	43	—
	Clacton-on-Sea	61	40	57·9	46·1	51·8	+ 1·4	69	0	3	0·18	—	25·3	—	35	—
	Rothamsted	60	36	56·5	42·1	49·1	+ 1·8	50	0	6	1·12	+ 0·43	25·2	+ 1·4	35	+ 2
	†Shoeburyness (Southend)	61	38	58·1	46·4	52·1	+ 1·8	71	0	3	0·31	- 0·20	31·5	—	43	—
	London, Westminster	62	37	58·9	44·9	51·7	+ 3·1	68	0	2	0·26	- 0·36	24·8	+ 9·8	34	+ 14
4. MIDLAND COUNTIES. — Eastern part.	Harrogate	59	33	53·8	39·3	46·3	+ 0·1	41	8	5	2·15	+ 1·40	24·3	—	34	—
	†Bawtry (Worksop)	60	30	55·9	38·9	47·2	+ 0·4	49	9	4	1·67	+ 1·08	23·0	+ 4·5	32	+ 6
	Nottingham	61	32	56·3	40·3	48·1	+ 0·5	50	5	4	1·42	+ 0·87	21·5	—	30	—
	†Colly Weston (Oundle)	61	34	57·9	41·3	49·4	+ 1·4	55	2	5	0·99	+ 0·39	27·0	—	38	—
	Birmingham, Edgbaston	59	33	53·9	41·1	47·3	- 0·3	41	3	5	1·22	+ 0·57	25·0	—	35	—
	Oxford	60	36	57·1	43·1	49·9	+ 1·7	55	0	5	0·86	+ 0·25	26·2	+ 3·9	36	+ 5
4. MIDLAND COUNTIES. — Western part.	†Cheadle (Sheffield) M	58	30	52·1	39·0	45·4	- 1·0	36	8	5	1·13	+ 0·40	29·6	—	41	—
	Shrewsbury	59	30	54·5	40·0	47·0	- 2·0	43	6	6	1·11	—	*	*	*	*
	Hereford M	60	29	57·1	40·3	48·5	+ 0·8	53	5	4	1·04	+ 0·42	*	*	*	*
	Cirencester	59	34	55·7	40·7	48·0	+ 1·0	47	4	6	0·92	+ 0·22	20·9	- 1·5	29	- 2
	Bath	62	34	58·7	43·0	50·6	+ 2·1	60	0	4	0·72	+ 0·02	30·3	—	42	—
	(Margate)												26·0	+ 2·5	36	+ 3
5. ENGLAND, S.	Kew	62	37	58·2	43·8	50·8	+ 2·3	62	0	4	0·39	- 0·21	25·1	+ 4·4	34	+ 6
	Wisley, Surrey	61	35	58·2	43·3	50·5	+ 2·4	60	0	5	0·47	—	28·0	—	38	—
	†Swarraton (Ventnor) M	60	34	56·8	42·0	49·2	+ 1·9	50	0	5	1·82	+ 1·00	24·5	- 2·7	34	- 4
	Tunbridge Wells M	63	35	57·5	43·1	50·1	+ 1·9	57	0	5	0·40	- 0·39	33·9	+ 9·6	46	+ 13
	†Dungeness (Littlestone)	61	35	58·9	45·4	52·0	+ 1·2	70	0	6	0·33	- 0·40	34·1	—	47	—
	Hastings	62	38	58·7	46·3	52·3	+ 1·6	72	0	5	0·24	- 0·60	32·8	+ 6·4	45	+ 9
	Southampton	62	36	59·6	44·6	51·9	+ 1·6	69	0	6	1·41	+ 0·59	28·2	+ 3·2	39	+ 4
	†Portland Bill (Worthing)	61	40	58·3	48·9	53·5	+ 1·7	81	0	7	0·68	—	34·2	—	47	—
	(Eastbourne)												34·1	+ 11·7	47	+ 16
6. SCOTLAND, W.	†Laudale, (Oban)	57	32	51·5	40·6	45·9	- 1·4	33	4	5	1·74	0·00	18·7	—	26	—
	Glasgow	53	33	49·7	39·6	44·5	- 1·7	28	7	7	1·32	+ 0·50	15·6	+ 0·2	22	0
	Dumfries S	57	29	54·1	39·2	46·4	- 0·4	43	8	6	0·60	- 0·32	*	*	*	*
	Cally S	57	28	55·4	39·3	47·1	+ 0·5	47	8	6	0·68	- 0·45	*	*	*	*
	Douglas, Isle of Man	56	32	52·4	40·2	46·1	- 2·2	36	5	5	0·66	- 0·41	30·3	+ 7·6	42	+ 11
7. ENGLAND, N.W.	Aspatria	54	28	48·2	41·1	44·6	- 1·8	22	3	7	1·69	+ 0·78	18·5	—	26	—
	Newton Rigg	56	27	49·3	38·4	43·7	- 1·8	27	10	7	1·98	+ 1·09	17·2	- 1·4	24	- 2
	Stonyhurst	55	31	49·1	40·0	44·4	- 2·7	25	6	7	2·58	+ 1·45	17·4	- 2·1	24	- 3
	Blackpool M	58	30	53·4	43·7	48·4	- 0·1	45	0	6	1·47	+ 0·56	27·0	+ 6·6	38	+ 9
	Manchester, Prestwich	58	30	52·9	40·0	46·3	- 0·9	39	6	7	2·71	+ 1·82	17·3	+ 3·0	24	+ 4
	†Liverpool Obs. (Hoylake)	58	37	52·7	41·9	47·1	- 1·7	36	0	6	1·40	+ 0·61	20·3	—	28	—
	†Hawarden Bridge (Southport)	59	31	55·2	42·0	48·4	- 0·6	45	0	6	1·22	+ 0·48	23·7	—	33	—
NORTH WALES	Llandudno M	57	40	53·3	43·7	48·4	- 1·9	45	0	6	1·88	+ 0·99	25·7	+ 6·4	36	+ 9
	†Holyhead (Aberdovey)	57	43	54·0	45·0	49·4	- 1·0	52	0	5	0·97	- 0·01	22·0	—	31	—
	Bettws-y-Coed	56	34	52·7	41·3	46·8	- 3·3	37	2	7	2·04	—	18·3	—	25	—
8. SOUTH WALES	Llangammarch Wells	60	23	53·5	37·5	45·3	- 4·0	42	13	7	1·56	—	18·0	—	25	—
	Pembroke	59	39	55·9	44·7	50·1	- 1·1	57	0	5	1·34	+ 0·43	19·8	- 3·3	27	- 5
	†Cardiff (Aberystwyth)	59	32	57·5	41·2	49·1	+ 0·2	53	2	7	1·45	+ 0·37	28·5	—	40	—
8. ENGLAND, S.W.	†Clifton (Torquay)	60	37	56·9	44·4	50·5	+ 1·3	60	0	6	1·07	+ 0·22	26·5	+ 2·0	36	+ 3
	†Shaftesbury (Marlborough) M	60	34	56·4	42·9	49·5	+ 1·4	53	0	7	0·85	+ 0·02	23·9	+ 2·6	33	+ 4
	†Arlington (Newquay)	59	35	55·0	42·7	48·7	+ 0·2	47	0	7	1·40	- 0·03	17·2	- 7·6	24	- 10
	Cullompton M	60	34	58·3	41·9	49·9	+ 1·6	56	0	6	0·60	- 0·28	15·8	- 5·2	22	- 7
	Plymouth	62	39	58·6	45·3	51·8	+ 1·1	69	0	6	0·62	- 0·24	22·8	- 1·0	31	- 1
	Falmouth	60	43	56·6	46·9	51·6	+ 0·2	67	0	7	0·64	- 0·53	19·2	- 6·5	26	- 9
9. IRELAND, N. — Western part.	Malin Head	55	41	51·6	42·3	46·8	- 1·9	34	0	7	0·90	+ 0·18	*	*	*	*
	Edenfel	54	27	51·3	35·3	43·1	- 2·6	36	19	7	0·82	- 0·01	*	*	*	*
	Blacksod Point	60	34	54·4	42·1	48·1	- 1·6	43	0	4	0·65	- 0·52	*	*	*	*
	Markree Castle	56	24	54·1	33·1	43·3	- 3·8	46	25	5	0·55	- 0·42	27·6	+ 8·1	38	+ 11
9. IRELAND, N. — Eastern part.	Armagh	56	31	53·0	37·5	45·0	- 1·8	40	13	6	0·20	- 0·44	29·6	+ 9·3	41	+ 13
	Donaghadee	56	36	53·7	39·0	46·1	- 2·3	41	8	4	0·72	+ 0·05	*	*	*	*
10. IRELAND, S. — Eastern part.	†Dublin, City (Phœnix Park)	58	33	54·4	40·6	47·3	- 2·0	43	4	5	0·59	- 0·05	28·6	+ 4·4	40	+ 6
	Kilkenny	58	24	54·6	35·1	44·6	- 3·5	47	19	4	0·53	- 0·17	*	*	*	*
	Waterford	60	29	55·9	38·4	46·9	- 1·9	49	10	4	0·68	- 0·20	*	*	*	*
10. IRELAND, S. — Western part.	Birr Castle	58	27	54·0	35·9	44·7	- 2·6	45	17	5	0·56	- 0·09	23·1	+ 1·1	32	+ 2
	Foynes	60	32	? 49·9	41·4	? 45·5	- 3·2	27	2	7	1·07	+ 0·23	*	*	*	*
	Killarney	61	33	58·7	39·9	49·0	- 0·8	58	6	7	1·19	- 0·02	*	*	*	*
	Valencia	60	34	56·4	42·1	49·0	- 1·9	49	0	6	0·93	- 0·32	19·3	- 3·7	26	- 5
	†Roches Point (Ballinacurra)	60	38	56·6	43·0	49·6	- 1·0	53	0	7	0·37	- 0·56	25·0	—	34	—
11 ENGLISH CHANNEL	Scilly, St. Mary's	60	47	57·7	50·0	53·7	+ 0·4	82	0	7	1·00	+ 0·15	18·3	- 7·7	25	- 11
	†Jersey, St. Aubins (St. Heliers)	64	39	60·6	48·3	54·3	+ 0·9	86	0	5	0·37	- 0·64	27·8	- 0·3	38	0
	Guernsey	62	43	59·4	49·2	54·2	+ 0·9	85	0	6	1·27	+ 0·19	27·6	+ 2·3	38	+ 3

Information for Stations marked M is supplied by the Royal Meteorological Society, and that for Stations marked S is supplied by the Scottish Meteorological Society.
* An Asterisk is inserted in all places for which the information is not usually given.
† There is no Sunshine Recorder in use at this Station. The figures entered for Sunshine are those recorded at a Station in the same district of which the name is given in brackets.

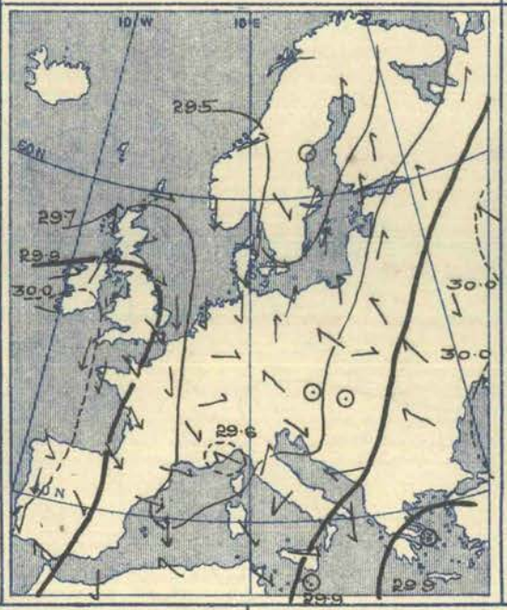
Additional Sunshine Totals for the week: Ramsgate, 32·9 hrs., 45 %; Brighton, 34·7 hrs. (+ 8·0), 48 % (+11 %); Bournemouth, 28·0 hrs., 38 %; Bognor, ? 32·0 hrs., ? 44 %; Rhyl, 21·7 hrs., 30 %; Tenby, 18·0 hrs. (- 5·9), 25 % (8 %).

Sunday, 14th October, 1906.

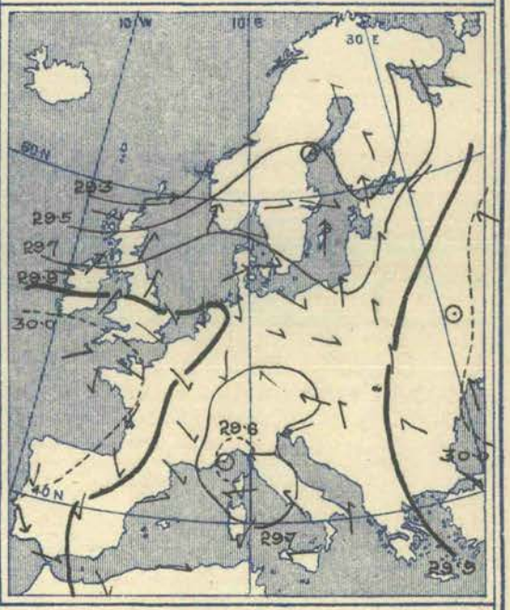
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. varying greatly; fair or fine in most parts of England, Central Europe, and Italy, cloudy or dull in most other places, with rain in different French and Scandinavian localities, as well as at the Helder, Memel, and Helsingfors. Thunderstorms later at Algiers and Biarritz, very heavy rain at many Italian stations and in the east of France, and very slight falls in the north and west of our Islands. Day extremely bright in the south and east of England.

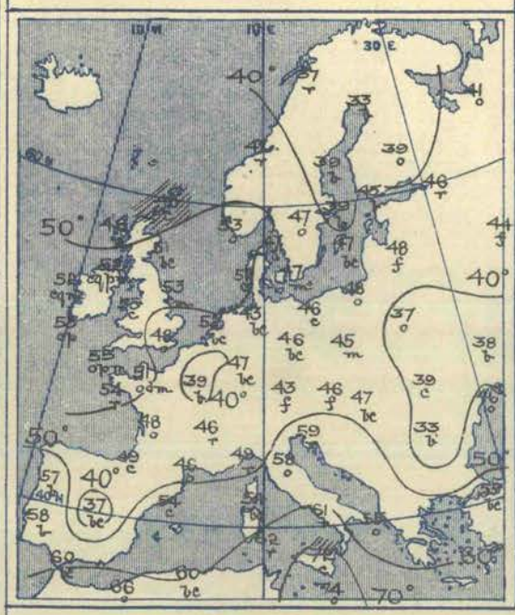
TEMPERATURE fallen in almost all places. Readings in morning below 40° in several parts of Great Britain, Norway, and Hungary and not much above that value over the Continent as a whole; above 60° at some stations on the shores of the Mediterranean, and as high as 70° at Tunis. Maxima during day less than 55° over the major portion of these Islands, and less than 60° in most parts of France. Thermometer exceeding 70° in some extreme southern localities, and rising to 78° at Palermo and 82° at Sfax.

WIND in morning moderate from the Southward and South-Westward at our north-western stations, and moderate or fresh from the Northward over England, France, and the Low Countries. Light or moderate breezes, mainly from the Southward, over the eastern half of Europe. Becoming Westerly by evening over most of this country and blowing strongly in the Shetlands and the north of Ireland.

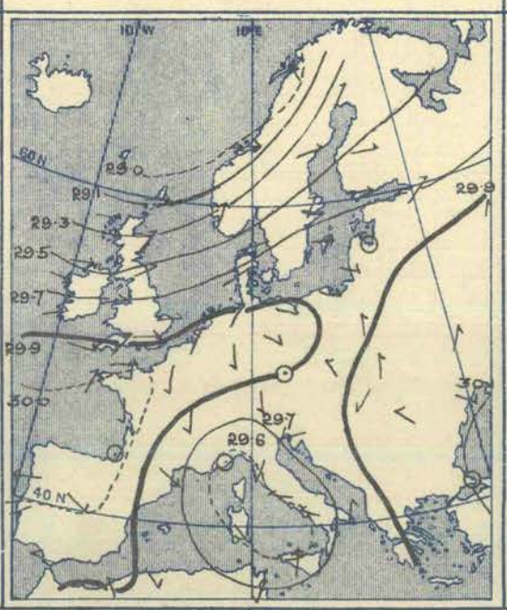
BAROMETER at 8 a.m. above 30·0 ins. in the south of Ireland, the west of the Spanish Peninsula, and over the intervening portion of the ocean, as well as over the central part of Russia. Low in an extensive trough extending from the Arctic Circle to the Mediterranean. Another depression appearing off our northern coasts later and barometer becoming lowest in that region. Pressure increasing decidedly over Germany and southern half of low pressure trough becoming transformed into a separate depression.

Monday, 15th October, 1906.

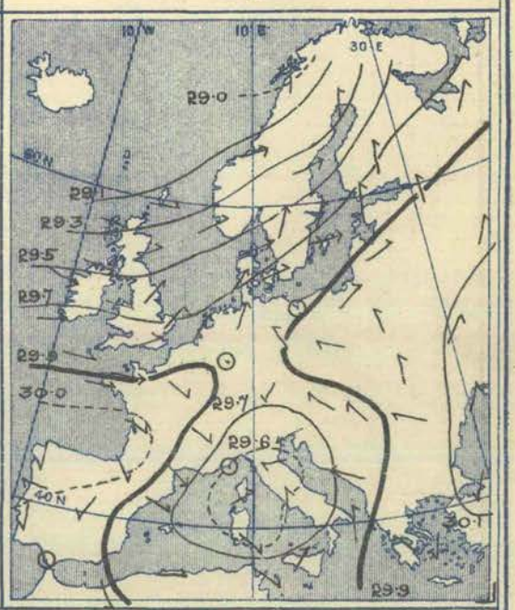
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine and bright in Sweden and in a few other parts of our area; cloudy or dull as a whole, with rain in many Italian localities, on the west coast of Norway, and at St. Petersburg, and passing showers in these Islands. Further heavy falls of rain occurring later over Italy and the Adriatic and considerable falls in Norway; slight measurements reported from various parts of this country.

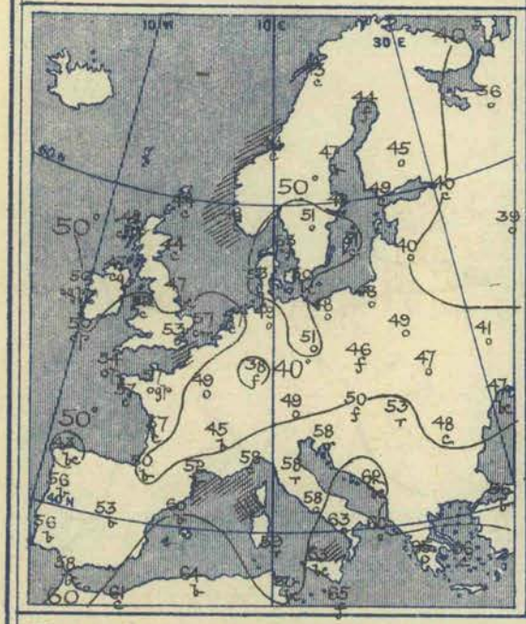
TEMPERATURE risen quickly over the United Kingdom and Norway and also in some parts of Central Europe; fallen in most other regions. Readings in morning ranging from 74° at Malta and 72° at Palermo to below 50° over our area as a whole, and to below 40° in several northern and eastern districts; lowest value, 33° at Haparanda and Hermanstadt. Rising to 70° or above at many stations in the extreme south of our area during day and to about 60° in many parts of these Islands. Maxima as low as 50° at some stations in the south of France.

WIND in morning Westerly to South-Westerly over these Islands and north-western Europe generally, but drawing into South-East at Bodö; fresh or strong in force in the north of Ireland and over Denmark and blowing with the strength of a fresh gale at Christiansund. A separate cyclonic circulation of moderate to strong winds prevailing over the Mediterranean and Italy. Scarcely any change later.

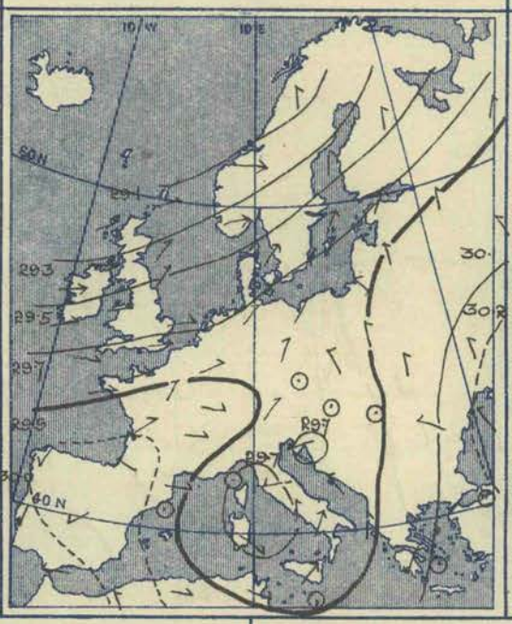
BAROMETER at 8 a.m. above 30·0 ins. over the Bay of Biscay and its vicinity and also over the southern half of Russia. Below 29·0 ins. in a very large depression off the north-west of Norway and no higher than 29·6 ins. in another system lying off Corsica, Sardinia, and their neighbourhood. Remarkably little modification occurring in the general distribution of pressure during day and very little in the actual height of the barometer.

Tuesday, 16th October, 1906.

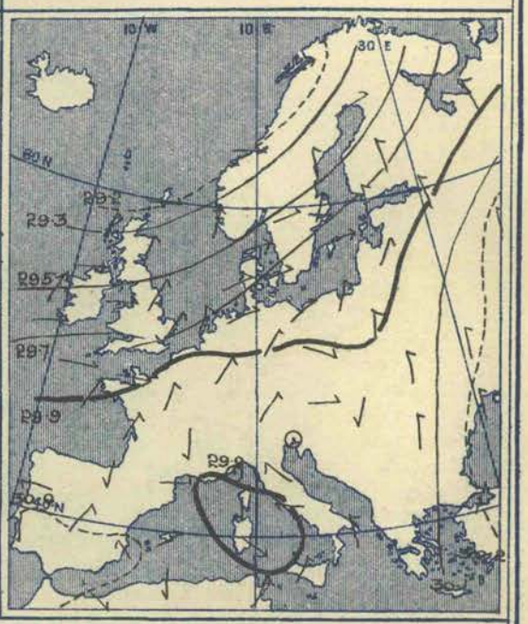
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine and bright in the Spanish Peninsula and the south-west of France, very cloudy or quite overcast over our area generally, with rain in Italy and the south of Sardinia and passing showers at several of our own western stations. Fog prevailing in various parts of Central Europe and France. Slight rain later in most British and Irish localities and heavier amounts both in the extreme north and south of Europe.

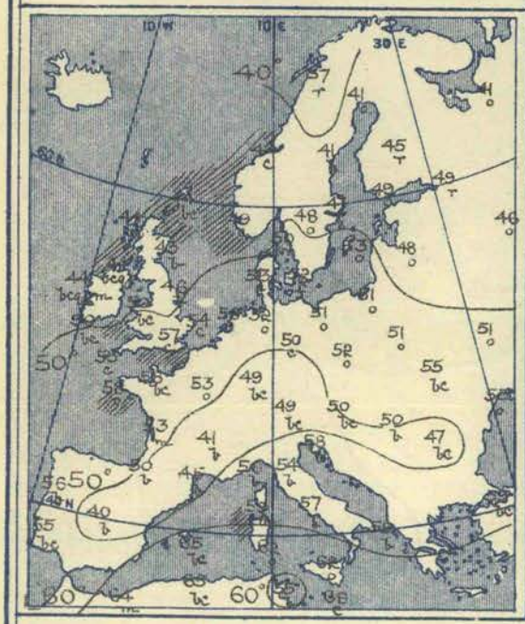
TEMPERATURE fallen over the north and west of the United Kingdom, changed irregularly over our area as a whole. Readings in morning ranging from 66° at Athens and above 60° at a few other stations in the far south to about 50° over the major portion of Central Europe and these Islands to 36° at Archangel and to 33° at Kharkoff. Thermometer rising to about 70° later in some parts of the Mediterranean region and to about 60° in many localities in Austria, Germany, and these Islands. Maxima only 54° at Vienna, 55° at Prague, and 59° at Naples.

WIND in morning South-Westerly or Westerly over the whole of north-western Europe; moderate or fresh in many places and strong on our north-west coasts and on the coast of Norway. A complete cyclonic circulation of moderate to strong winds prevailing over Italy and the adjacent region. No general change later; some increase in force taking place over the English Channel.

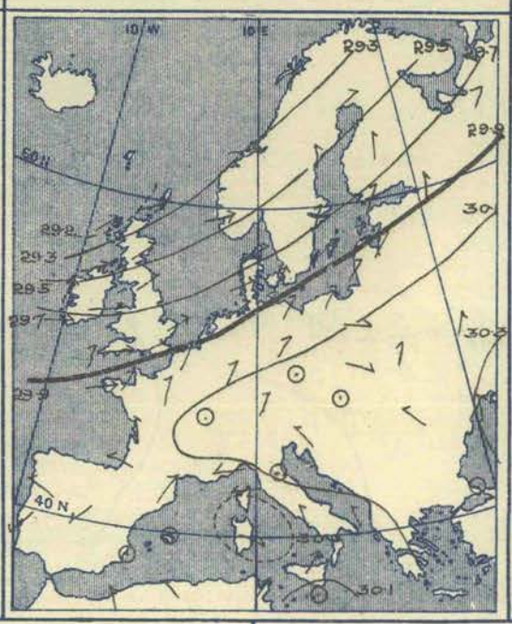
BAROMETER in morning above 30·2 ins. over the Black Sea and the south of Russia and above 30·0 ins. over the Spanish Peninsula and the south-west coast of France. Below 29·7 ins. in some minima over Southern Europe and below 29·1 ins. in a large depression off the west coast of Norway and the north of Scotland. Latter system apparently remaining almost stationary during day and depressions in south of our area becoming much less deep. Little change occurring in the general distribution.

Wednesday, 17th October, 1906.

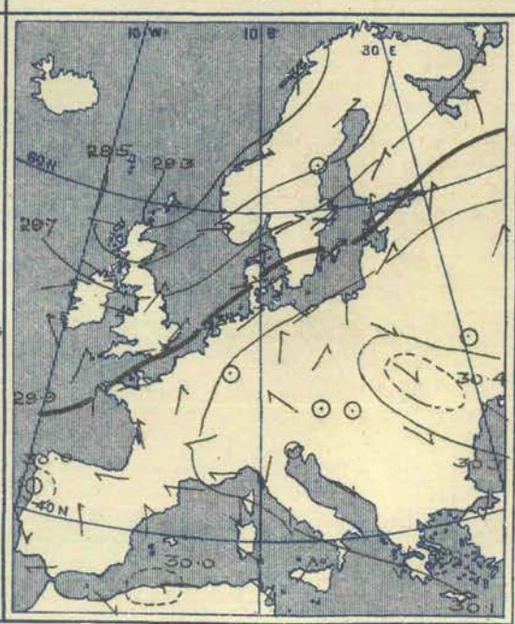
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fair or fine in most parts of our area, but overcast in several places, and rainy or showery in various localities in this country and Finland, as well as at Bodö and Naples. Heavy rain experienced later in the north-west of England and also at Bilbao and in Norway; slighter falls over the major portion of the United Kingdom and in scattered places on the Continent.

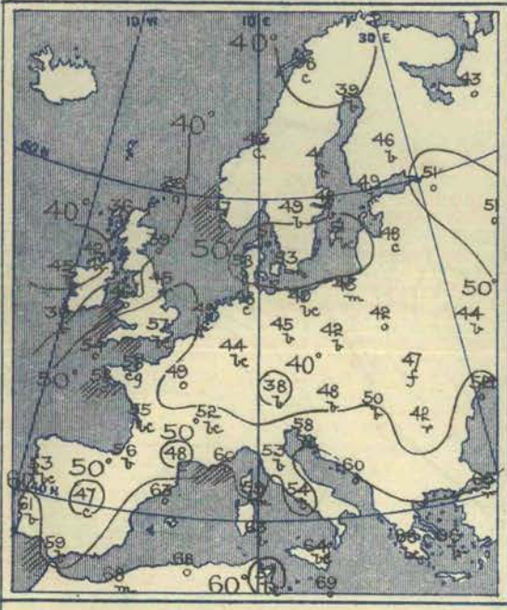
TEMPERATURE fallen in the west and north of these Islands and at some stations in southern Europe; risen as a whole. Readings in morning highest, 66° at Malta and 65° at Algiers and Palma; lowest, 37° at Bodö, 40° at Nairn, and 42° at Birr Castle. Maxima during day 77° at Algiers, 75° in Greece, and only slightly lower at some other southern stations. Thermometer rising to about 60° over England and in most parts of Central Europe, and also over the north of France and the Low Countries.

WIND in morning showing a feeble cyclonic circulation over the western part of the Mediterranean and light Southerly breezes over Russia. Moderate to fresh or strong Westerly to South-Westerly breezes prevailing over our Islands and the greater portion of north-western Europe. Veering to the Westward during day on our north and north-west coasts and increasing to a gale at Malin Head. South-Westerly current increasing to a gale at Wisby.

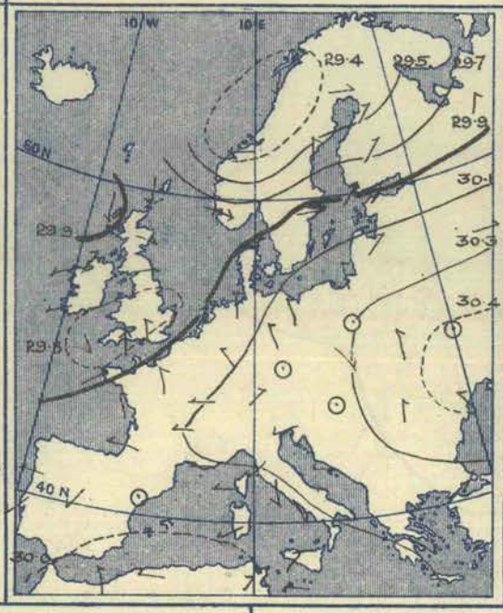
BAROMETER at 8 a.m. ranging from above 30·3 ins. in the south of Russia to 30·0 ins. and less in a depression over the Mediterranean, and to below 29·2 ins. in another disturbance lying beyond our most north-western coasts. A slight secondary depression shown off our south-west coast. A decided increase of pressure taking place during day and evening over our northern and north-western districts and depression off Scotland travelling away eastwards. Russian anticyclone increasing in intensity.

Thursday, 18th October, 1906.

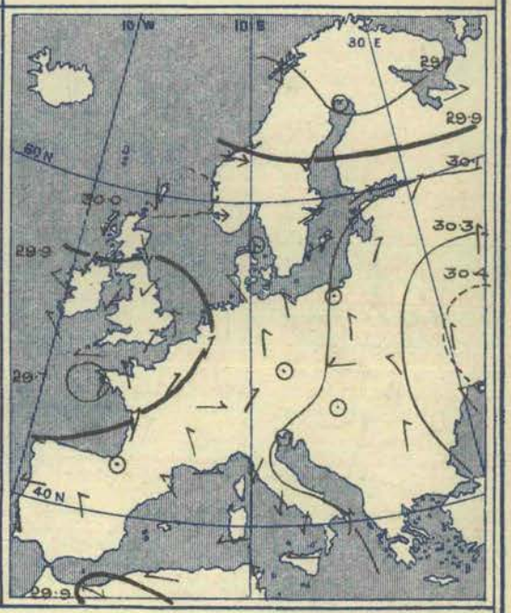
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. rainy over central and northern England, and fair or fine in other parts of our Islands. Sky partially clear over the greater portion of the Continent, but overcast in places, and rain falling at Constantinople and Hermanstadt. Extremely heavy rain later in the north and east of England; 1·1 in. at Nottingham, 1·6 in. at Spurn Head, 1·8 in. at North Shields, and 2·0 ins. at Alnwick Castle. Large amounts also falling at some stations in the Mediterranean; nearly two inches at Malta.

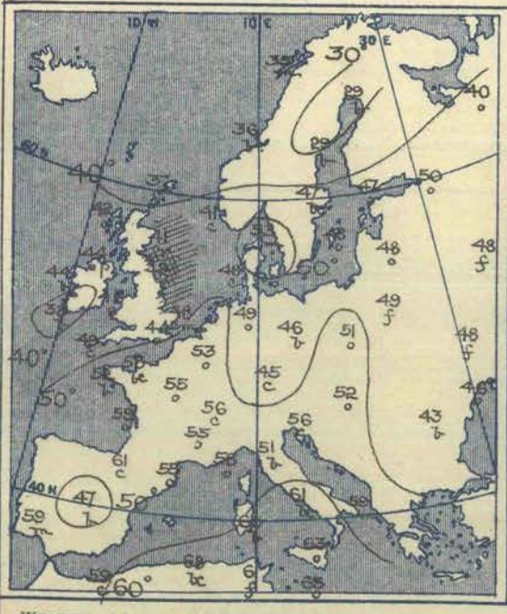
TEMPERATURE fallen over our own northern and western districts and in most Continental regions. Readings in morning ranging from 69° at Malta, and 68° at Patras to 38° at Bodö, and to 36° at Stornoway and in the centre and south-west of Ireland. Readings not far below 60° over the south and south-east of England. Maxima during day about 60° in many parts of England, and above 70° at some stations in the south of our area, but thermometer not touching 50° in the north of England. Sharp frost during night over Central Ireland and in many parts of Scotland.

WIND in morning varying greatly; blowing a gale from the Westward on the south-west and south coasts of Norway and strongly from South-West over the Gulf of Finland. A complete cyclonic movement prevailing over England, the North-Easterly current at Pembroke and that from South at Portland Bill blowing very strongly. Light airs mainly between North and East prevalent over the Mediterranean region. No change of much importance during day.

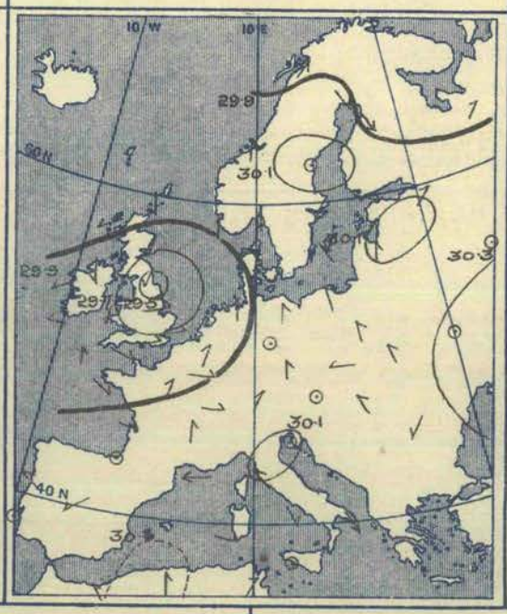
BAROMETER in morning ranging from above 30·4 ins. in an anticyclone over the south of Russia, to below 29·8 ins. in a depression over England, and to less than 29·4 ins. in a deeper system over the north-west of Norway. A fresh depression appearing off the south-west coast of England by evening and apparently becoming incorporated with that already existing over England during the night. Barometer rising rather decidedly in the Shetlands and Norway.

Friday, 19th October, 1906.

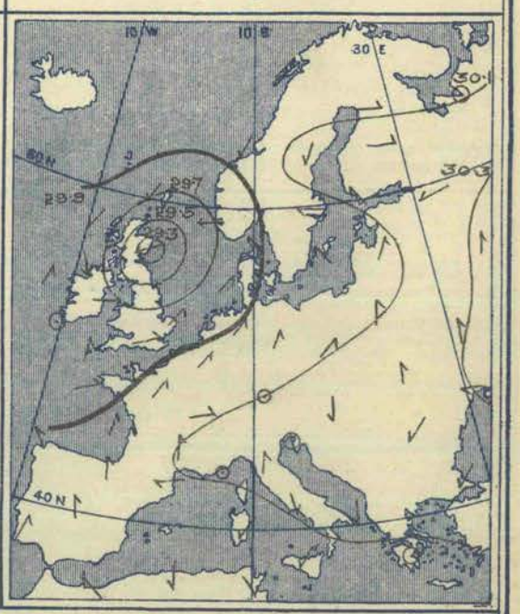
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. very rainy over the north of Great Britain, but fair or fine over our area as a whole; fog prevailing in several parts of Central Europe. Extremely heavy falls of rain, sleet, or snow experienced later over the east and north-east of Scotland, the measurements varying from 1·44 in. at Leith to 2·1 ins. at Balmoral. Considerable falls of rain also occurring on the north coast of Africa and at Malta, and rain or snow in Scandinavia. Thunder heard at the Scilly Isles.

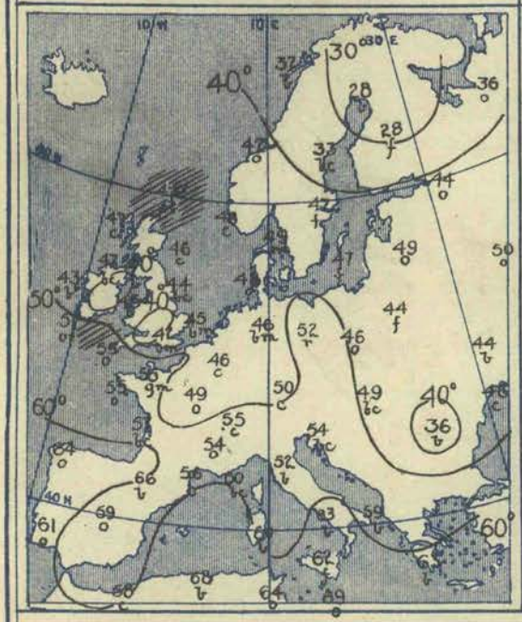
TEMPERATURE fallen in most regions. Readings in morning ranging from 69° at Malta and 68° at Algiers, to below 50° generally, and to below the freezing point over Central Ireland and the northern half of Sweden. Maxima during day below 50° in the north of our Islands, but above 55° at some of our southern stations, and as high as 61° at Dungeness. Thermometer rising to 86° at La Calle and to between 70° and 80° in the far south generally. Frost at night inland at several of our own stations.

WIND in morning showing a well-marked cyclonic circulation over these Islands and their vicinity; not strong generally, but blowing with considerable force from the North-Eastward on the east coast of Scotland. A very strong breeze from South-South-West prevailing in the north-west of Norway, but winds light and somewhat variable over our area as a whole. North-Easterly and Easterly winds increasing to a fresh or strong gale during day on the east coast of Scotland and over the northern half of the North Sea. Continuing very light and rather variable on our west and south-west coasts.

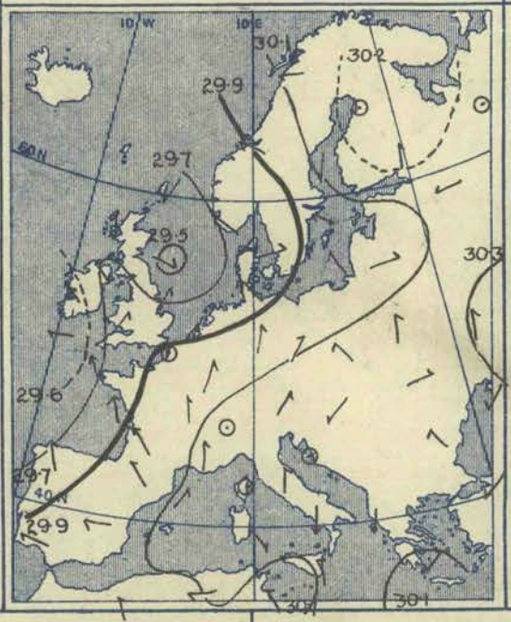
BAROMETER in morning above 30·4 ins. in the south of Russia, and above 30·1 ins. over the centre of Sweden. Below 29·4 ins. in a depression of increasing intensity having its centre not far from the mouth of the Tyne. System growing deeper and moving north-north-westwards during day, and a small and very shallow secondary disturbance arriving over the St. George's Channel. Northern depression commencing to fill up during night and a fresh fall of the barometer setting in on our south-west coasts.

Saturday, 20th October, 1906.

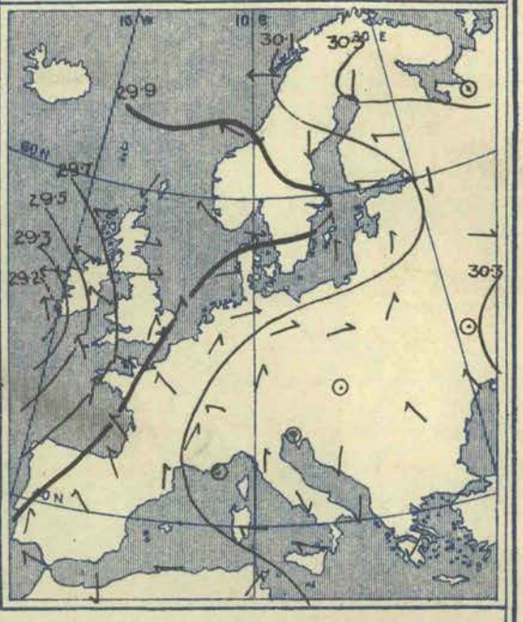
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. varying much in different localities, but fair or fine regarded as a whole. Rainy at St. Petersburg, Karlstad, and Copenhagen, as well as at some stations in North Germany. Fog prevailing in several parts of Central Europe and over the Baltic, and also at Malta. Rain later in nearly all parts of these Islands, Scandinavia, and Portugal, and thunder or lightning in Denmark.

TEMPERATURE changed very irregularly. Readings in morning between 55° and 53° on the southern coasts of England and Ireland, and decreasing to 33° at Oxford and 31° at Birr Castle. Thermometer below 50° over the major portion of Central Europe, but nearly 70° at some of the most southern stations, and below the freezing point in the far north. Rising later in day to above 70° over practically the whole of the south of our area, and to as high as 79° at Biarritz. Maxima about 60° in many English and Irish localities.

WIND in morning still showing a cyclonic circulation over Scotland and its vicinity, but of little force. Moderate Southerly to South-Easterly breezes prevailing on our west and south-west coasts, and light to moderate winds from no general direction over the south and east of our area. Increasing to a very strong breeze from the Southward on our south-west coasts by evening, and to a fresh gale from the Eastward on the north-west coast of Ireland.

BAROMETER in morning ranging from 30·4 ins. and above in the south of Russia, and from above 30·2 ins. in Finland to less than 29·6 ins. in a depression off the west and south-west of Ireland, and to below 29·5 ins. in another system having its centre not far from Aberdeen. A new depression producing a very brisk fall of the barometer on our south west coasts during day, and gradients becoming steep in that region. Northern disturbance almost dispersing by evening.

IV.—TEMPERATURE on the Grass, and in the Ground.

	STATION.	Grass Min. No. of Obs. of 30° or less.	Grass Min. Lowest reading.	Mean Earth Temp. At 1 foot.	Mean Earth Temp. At 4 feet.
			°	°	°
2.	York	—	—	51·7	54·5
2.	Hull	1	30	49·1	54·3
3.	Cambridge	0	32	—	—
3.	Dunmow	1	29	—	—
4.	Harrogate	1	26	50·2	52·2
4.	Sheffield	0	31	50·2	53·7
4.	Birmingham	2	27	48·9	53·2
4.	Nottingham	1	25	49·1	55·5
5.	Kew	2	28	52·5	56·0
5.	Canterbury	1	30	53·9	57·2
5.	Portsmouth	0	31	54·3	58·1
6.	Glasgow	1	23	—	—
7.	Newton Rigg	3	19	50·0	52·8
7.	Bettws-y-Coed	0	32	49·0	52·7
7.	Manchester (Oldham Road)	1	27	50·7	55·7
8.	Llangammarch Wells	1	17	51·4	54·2
8.	Bath	—	—	55·4	58·4
8.	Plymouth	0	32	54·0	—
9.	Armagh	4	24	50·4	54·1
9.	Markree	4	21	—	—
10.	Dublin, Trin. Coll.	2	28	50·0	54·1
11.	Guernsey, Brooklyn	0	35	54·8	58·4

V.—OBSERVATIONS IN THE UPPER AIR.—Temperature, Humidity and Wind Velocity.

Date of Observation.	Station and its Height above M.S.L.		Heights in feet above Mean Sea Level. Ground Level.	1,660.	3,320	5,000.	6,660.	8,320.	10,000.	Remarks
1906.										
October 14th, 4.45 p.m. to 5.50 p.m.	Brighton, 380 ft.	Temperature F.	45°	[41°]						One 8 ft. kite; 3,600 ft. wire. Greatest height, 1,555 ft., where wind failed.
		Humidity	65%	[55%]						
		Wind Velocity, m. per hr.	N, 6–10	[N, 10]						
October 15th, 10.0 a.m. to 11.0 a.m.	Oxshott, 200 ft.	Temperature F.	55°	50°	50°	[43°]				One 9 ft. kite; wire, 6,600 ft. Max. height, 4,300 ft. Overcast. Cloud level, 1,400 ft. Change of wind direction (2 points), with increase of strength at about 1,600 ft.
		Humidity	85%	100%	100%	[80%]				
		Wind Velocity, m. per hr.	SSW, 8	SW, by W, 30	SW by W, 25	[SW by W, 25]				
October 17th, 10.0 a.m. to 1.0 p.m.	Brighton, 380 ft.	Temperature F.	59°	47°	44°					One 7 ft. kite; 6,700 ft. wire. Greatest height, 3,455 ft. Lower cloud level, 1,080 ft.
		Humidity	87·5%	77·5%	87·5%					
		Wind Velocity, m. per hr.	WSW, 25–30	WSW, 30	W by S, gusts to 35					
October 18th, 10.17 a.m. to 11.20 a.m.	Oxshott, 200 ft.	Temperature F.	60°	51°	46°	[43°]				One kite; wire, 6,200 ft. Max. height, 4,700 ft. Unusual steadiness in the wind.
		Humidity	70%	80%	70%	[65%]				
		Wind Velocity, m. per hr.	S by E, 5	S by W, 30	S by W, 33	[SSW, 35]				
October 18th, 4.0 p.m. to 4.32 p.m.	Oxshott, 200 ft.	Temperature F.	60°	54°	49°					One 9 ft. kite; wire, 4,500 ft. Max. height, 3,600 ft. Overcast. Cloud level, 2,000 ft., but ill defined. Again unusual steadiness of wind.
		Humidity	80%	90%	100%					
		Wind Velocity, m. per hr.	SSW, 7	SW by W, 25	30					
October 19th, 10.45 a.m. to 12.30 p.m.	Oxshott, 200 ft.	Temperature F.	56°	46°	42°	42°				One 9 ft. kite; wire, 8,000 ft. Inversion, 40° to 42° at 4,700 ft., with change of wind direction from WNW to W. No change of velocity. A few clouds at about 2,800 ft., but mostly clear.
		Humidity	75%	85%	70%	20%				
		Wind Velocity, m. per hr.	WSW, 7	W, 20	WNW, 22	W, 25				
October 20th, 2.7 p.m. to 3.43 p.m.	Glossop Moor, 1,100 ft.	Temperature F.	47°	44°	37°	38°	37°			Two 9 ft. kites. 9,200 ft. wire. Max. height, 7,000 ft. Cloud level not reached. Temp. inversion between 3,300 and 4,400 ft. At 3.10 p.m. the wind velocity rose rapidly to 48 miles per hour, and the upper kite broke and fell.
		Humidity	76%	72%	45%	30%	—			
		Wind Velocity, m. per hr.	SSW	SSW 22	SW, 28	SW by W, 30	SW by W, 40			
October 20th, 3.45 p.m. to 4.46 p.m.	Brighton, 380 ft.	Temperature F.	54°	[49°]						One 8 ft. kite; 3,200 ft. wire. Greatest height, 1,500 ft., where wind failed. Overcast. Scud level, about 1,180 ft.
		Humidity	86%	[98%]						
		Wind Velocity, m. per hr.	SE by S, 10–12	SSE, 10–15						

63, Victoria Street, London, S.W. *October 24th, 1906.* W. N. SHAW, *Director.*

WEEKLY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

SUPPLIED FOR THE PUBLIC SERVICE

ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE,

AND PUBLISHED FOR H.M. STATIONERY OFFICE BY WYMAN AND SONS, LTD., FETTER LANE, E.C., AND 32, ABINGDON STREET, WESTMINSTER, S.W.; OR OLIVER AND BOYD, EDINBURGH; OR E. PONSONBY, 116, GRAFTON STREET, DUBLIN.

TWENTY-NINTH YEAR. *Vol. XXIII. (New Series.)* } No. 43. FORTY-THIRD WEEK, ENDING SATURDAY, OCTOBER 27TH, 1906. [*Price 6d.*

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I.—GENERAL REMARKS.

Weather was changeable and unsettled very generally, with frequent and sometimes heavy rain in the western and northern districts, and slighter falls over the country as a whole. Fair or fine intervals were, however, often experienced, especially over the south and east of England. A thunderstorm passed over Lowestoft at 5 a.m. on Monday, and thunder and lightning occurred at Saltburn-by-the-Sea on Monday evening.

Temperature was again above the average, the excess ranging from 5·5° in England S. and E. to 3° in Ireland S., and to 2·6° in Ireland N. The highest of the maxima were registered early in the week, and were high for the time of year. In England E. (at Cambridge), the thermometer rose to 69°, and in several other English districts, and in Ireland S. to 65° or above. The lowest of the minima occurred at some stations during the early morning of the 21st, but more generally on the 26th. They ranged from 29° in England S.W., Scotland E., and over Ireland, to 33° in Scotland N., and England N.W., and to 41° in the Channel Islands.

Rainfall was much in excess of the mean in Ireland and Scotland, and slightly so in the north-west of England; elsewhere there was a deficit. Falls of an inch and upwards were recorded in some parts of Ireland and Scotland either on the 26th or 27th, while at Fort William the measurement was more than an inch on both dates.

Bright Sunshine exceeded the normal except in Scotland N. and Ireland N. The percentage of the possible duration ranged from 51 in the English Channel, and 43 in England S. to 23 in Scotland N.

Barometer and Wind.—Except on Thursday, when a high pressure band extended north-eastwards from the Bay of Biscay to Scandinavia, the United Kingdom was under the influence of cyclonic systems which arrived from the Atlantic. Most of these, although they were secondary to larger systems far to the Northward of Scotland, were of considerable size and depth, and caused strong Southerly to South-Westerly winds at times on our western and northern coasts, with gales at some exposed places. The only depressions to pass directly across these Islands were small and shallow, and had more effect on the weather than on the force of the wind.

SUMMARY OF TEMPERATURE, RAINFALL, AND DURATION OF BRIGHT SUNSHINE IN THE UNITED KINGDOM, FOR AGRICULTURAL AND SANITARY PURPOSES.

THE WEEK (43rd)—October 21st to October 27th, 1906.

DISTRICTS. (See p. 254.)	Temperature. Highest.	Lowest.	Means of: Daily Max.	Daily Min.	Daily Mean.	Difference from Av. (35 Yrs.)	Accumulated. Number of Day-Degrees. Above 42°	Difference from Av. (25 Yrs.)	Below 42°	Difference from Av. (25 Yrs.)	Rainfall. Number of Rain-Days.	Diff. from Av. (35 Yrs.)	Total Fall.	Difference from Average (35 Yrs.)	Sunshine. Hours recorded.	Diff. from Av. (25 Yrs.)	Percentage of Possible Duration	Diff. from Av. (25 Yrs.)
	°	°	°	°	°	°	Day-deg.	Day-deg.	Day-deg	Day-deg.			Inches.	Inches.			%	%
0. SCOTLAND, NORTH ..	64	33	54·2	41·9	47·9	+ 3·5	42	+ 13	0	−10	7	+ 2	1·94	+0·70	15	− 1	23	− 1
Eastern 1. SCOTLAND, EAST ..	63	29	54·4	40·5	47·3	+ 3·3	43	+ 12	4	− 9	5	+ 1	1·08	+0·35	22	+ 5	33	+ 7
Eastern 2. ENGLAND, N.E. ..	68	32	57·1	44·4	50·6	+ 4·8	60	+ 25	0	− 6	5	+ 1	0·42	−0·24	23	+ 2	33	+ 3
Eastern 3. ENGLAND, EAST ..	69	30	59·6	46·2	52·7	+ 5·5	75	+ 32	0	− 8	4	0	0·38	−0·22	26	+ 6	38	+ 9
Eastern 4. MIDLAND COUNTIES	68	31	58·0	44·0	55·8	+ 4·8	62	+ 21	0	−10	5	+ 1	0·32	−0·32	22	+ 4	32	+ 6
Eastern 5. ENGLAND, SOUTH ..	67	31	59·8	47·1	53·3	+ 5·5	79	+ 26	0	− 6	3	− 1	0·22	−0·55	30	+ 8	43	+12
Western 6. SCOTLAND, WEST ..	61	30	56·0	43·7	49·7	+ 4·0	54	+ 15	0	− 7	5	+ 1	2·01	+0·87	20	+ 3	30	+ 4
Western 7. ENGLAND, N.W. ..	66	33	57·2	45·8	51·3	+ 4·4	65	+ 23	0	− 4	5	+ 1	1·06	+0·17	23	+ 4	34	+ 5
Western 8. ENGLAND, S.W. ..	65	29	57·9	46·8	52·2	+ 4·1	71	+ 18	0	− 4	5	+ 1	0·51	−0·49	26	+ 6	37	+ 9
Western 9. IRELAND, NORTH ..	63	29	55·7	43·0	49·2	+ 2·6	50	+ 9	0	− 6	6	+ 1	1·59	+0·75	19	0	28	0
Western 10. IRELAND, SOUTH ..	66	29	58·1	44·7	51·2	+ 3·2	64	+ 15	0	− 5	6	+ 2	1·53	+0·63	23	+ 4	34	+ 6
11. ENGLISH CHANNEL	66	41	60·5	52·1	56·2	+ 4·2	99	+ 27	0	0	3	− 2	0·14	−0·84	35	+ 11	51	+16

THE SEASON (Autumn).—Aggregates, &c., for the Period of 8 Weeks, September 2nd to October 27th, 1906.

0. SCOTLAND NORTH ..	89	26	*	*	*	*	515	+ 98	19	−10	35	− 3	7·74	−1·47	215	+ 46	34	+ 7
Eastern 1. SCOTLAND, EAST ..	87	27	*	*	*	*	550	+113	28	− 9	30	− 2	6·32	+0·83	245†	+ 59	38	+ 9
Eastern 2. ENGLAND, N.E. ..	94	32	*	*	*	*	692	+174	3	−14	26	− 2	4·40	−0·23	261	+ 28	40	+ 4
Eastern 3. ENGLAND, EAST ..	93	30	*	*	*	*	825	+223	0	−24	23	− 4	3·76	−0·69	301	+ 60	47	+ 9
Eastern 4. MIDLAND COUNTIES	96	29	*	*	*	*	715	+165	12	−19	28	+ 1	4·96	+0·13	234	+ 33	36	+ 5
Eastern 5. ENGLAND, SOUTH ..	92	31	*	*	*	*	819	+161	0	−16	25	− 2	4·44	−0·89	293	+ 50	45	+ 8
Western 6. SCOTLAND, WEST ..	89	28	*	*	*	*	596	+ 84	8	−14	29	− 4	7·32	−1·34	234	+ 41	36	+ 6
Western 7. ENGLAND, N.W. ..	90	27	*	*	*	*	663	+ 98	4	− 7	31	− 1	6·27	−0·39	248	+ 50	38	+ 8
Western 8. ENGLAND, S.W. ..	88	23	*	*	*	*	730	+ 91	0	−11	29	− 2	6·25	−0·90	281	+ 49	43	+ 8
Western 9. IRELAND, NORTH ..	78	24	*	*	*	*	601	+ 75	11	− 8	35	− 1	5·46	−1·02	229	+ 43	36	+ 7
Western 10. IRELAND, SOUTH ..	79	24	*	*	*	*	688	+ 91	7	− 5	33	+ 1	6·07	−0·56	257	+ 35	40	+ 5
11. ENGLISH CHANNEL	82	39	*	*	*	*	943	+123	0	0	27	− 7	4·04	−2·62	321	+ 47	50	+ 7

THE YEAR.—Aggregates, &c., for the period of 43 Weeks, December 31st, 1905, to October 27th, 1906.

0. SCOTLAND, NORTH ..	89	8	*	*	*	*	1939	+ 27	665	+ 77	208	+21	42·53	+3·50	1120	+ 54	28	+ 1
Eastern 1. SCOTLAND, EAST ..	88	11	*	*	*	*	2286	+ 95	652	+ 11	171	+12	27·59	+2·32	1356†	+136	34	+ 3
Eastern 2. ENGLAND, N.E. ..	94	18	*	*	*	*	2842	+407	467	− 36	149	+ 6	18·74	−1·79	1510	+134	39	+ 3
Eastern 3. ENGLAND, EAST ..	93	23	*	*	*	*	3189	+358	413	−143	128	−12	17·46	−2·18	1709	+267	44	+ 7
Eastern 4. MIDLAND COUNTIES	96	18	*	*	*	*	3039	+287	498	− 75	144	+ 2	19·69	−2·70	1459	+199	38	+ 5
Eastern 5. ENGLAND, SOUTH ..	92	20	*	*	*	*	3217	+162	351	− 55	137	− 2	20·01	−2·08	1752	+268	45	+ 7
Western 6. SCOTLAND, WEST ..	89	14	*	*	*	*	2495	+132	427	− 16	175	+ 8	38·51	+0·24	1361	+ 98	35	+ 3
Western 7. ENGLAND, N.W. ..	90	16	*	*	*	*	2753	+133	383	− 20	167	+12	29·75	+2·22	1423	+159	36	+ 4
Western 8. ENGLAND, S.W. ..	88	19	*	*	*	*	3006	+104	327	+ 20	163	+11	32·19	+1·63	1582	+163	41	+ 4
Western 9. IRELAND, NORTH ..	84	20	*	*	*	*	2498	− 7	366	− 7	207	+20	30·58	+0·92	1258	+ 88	32	+ 2
Western 10. IRELAND, SOUTH ..	81	24	*	*	*	*	3013	+147	271	− 5	191	+24	29·78	−2·68	1393	+ 42	36	+ 1
11. ENGLISH CHANNEL	89	27	*	*	*	*	3510	+109	79	− 35	155	− 5	20·74	−5·48	1819	+ 91	47	+ 2

† Corresponding values for last week slightly altered owing to corrected information.

Bright Sunshine.—For certain of the Districts the values of Bright Sunshine in this Table are based on the records from a part only of the Stations included in Table II. For certain of the Stations Mean Values are not available, and for the Districts containing these Stations the "Difference from Average" is based on the records from a smaller number of Stations than those supplying the values for "Hours Recorded."

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II.—DATA from which the SUMMARY on page 253 has been calculated.

October 21-27, 1906.

Districts.	Names of Stations.	Temperature. In Degrees Fahrenheit.								Rainfall.			Bright Sunshine.			
		Highest observed.	Lowest observed.	Averages for the Week. Of Highest each day.	Of Lowest each day.	For whole of each day.	Difference of Daily Average from Mean for the Week.	Accumulated Heat for the Week (in Day-degrees). Above 42°.	Below 42°.	Number of Rain-Days.	Rainfall in the Week.	Difference from the Mean for the Week.	Number of Hours recorded.	Difference from the Mean for the Week.	Percentage of possible duration.	Difference from the Mean for the Week.
		°	°	°	°	°	°	Day-deg	Day-deg		Inches.	Inches.	Hrs.	Hrs.	%	%
0. SCOTLAND, N.	†Sumburgh Head (Deerness)	54	41	51·0	44·7	47·8	+ 3·4	41	0	6	1·52	+ 0·54	15·1	− 2·1	23	− 3
	Wick	57	35	53·9	41·7	47·6	+ 3·2	40	1	6	0·80	+ 0·09	*	*	*	*
	†Lairg (Strathpeffer)	60	33	54·4	38·2	46·1	+ 1·8	45	11	6	0·34	− 0·55	19·9	+ 1·7	30	+ 3
	Stornoway	61	36	55·7	43·6	49·5	+ 5·2	53	0	7	0·79	− 0·50	16·3	− 0·5	25	− 1
	Glencarron	59	36	54·1	41·6	47·7	+ 4·4	42	1	7	3·35	+ 1·23	*	*	*	*
	Fort Augustus	60	35	54·5	41·5	47·8	+ 3·0	43	1	7	2·37	+ 1·40	9·5	− 2·5	14	− 4
	Fort William	64	38	55·6	42·2	48·7	+ 3·4	47	0	7	4·42	+ 2·66	*	*	*	*
1. SCOTLAND, E.	Nairn	62	32	57·0	39·1	47·8	+ 3·8	53	8	5	0·23	− 0·32	27·5	—	42	—
	Aberdeen	57	34	54·0	40·4	47·0	+ 2·1	42	4	4	1·00	+ 0·32	18·1	− 1·6	27	− 2
	†Balmoral (Crathes)	58	29	51·9	37·9	44·7	+ 3·7	36	11	6	1·03	+ 0·18	19·8	—	30	—
	†Clathick (Balruddery)	56	33	52·9	41·3	46·9	+ 2·8	37	2	6	1·96	+ 1·02	17·0	—	25	—
	†Leith (Edinburgh)	63	40	56·9	44·7	50·6	+ 4·4	60	0	5	0·85	+ 0·36	30·4	+ 14·2	45	+ 21
	Marchmont	59	33	53·7	39·7	46·5	+ 2·8	41	6	5	1·40	+ 0·58	18·3	+ 1·0	27	+ 2
2. ENGLAND, N.E. Northern part.	†Alnwick Castle (Cockle Park)	62	32	55·0	41·7	48·2	+ 3·2	45	1	6	0·53	− 0·28	20·9	—	31	—
	†Shields (Newcastle)	65	39	57·7	43·3	50·3	+ 4·3	58	0	4	0·44	− 0·19	15·8	—	23	—
	Durham	59	34	54·1	42·5	48·1	+ 3·4	43	0	5	0·55	− 0·21	16·7	− 1·3	25	− 2
	Scarborough	63	42	58·8	46·2	52·3	+ 5·8	72	0	4	0·45	− 0·27	22·4	—	33	—
	York	65	35	57·9	43·8	50·6	+ 5·0	60	0	5	0·73	+ 0·10	22·9	+ 5·3	33	+ 8
2. ENGLAND, N.E. Southern part.	†Spurn Head (Saltburn)	62	43	56·9	48·0	52·3	+ 4·7	72	0	3	0·08	− 0·51	22·3	—	33	—
	†Lincoln (Skegness)	68	38	58·2	44·7	51·3	+ 5·6	65	0	5	0·26	− 0·28	27·7	—	40	—
	†Fulbeck (Rauceby)	67	37	58·2	45·3	51·6	+ 6·2	67	0	4	0·28	− 0·24	25·4	—	37	—
	(Cromer)												28·6	—	41	—
3. ENGLAND, E. Northern part.	Hillington	67	32	59·8	42·2	50·7	+ 4·5	61	0	5	0·29	− 0·36	25·0	+ 6·0	36	+ 9
	†Yarmouth (Lowestoft)	61	39	57·3	47·9	52·5	+ 5·3	74	0	5	0·81	+ 0·15	26·0	—	38	—
	Geldeston	67	34	61·5	45·9	53·5	+ 6·6	81	0	6	0·82	+ 0·22	26·7	+ 5·2	39	+ 8
	(Dunmow)												23·5	—	34	—
3. ENGLAND, E. Southern part.	Cambridge	69	30	61·0	44·6	52·6	+ 6·3	74	0	5	0·19	− 0·34	27·9	+ 8·3	40	+ 12
	Felixstowe	61	37	58·5	47·7	52·9	+ 4·8	76	0	2	0·42	—	30·1	—	44	—
	Clacton-on-Sea	61	41	58·7	48·3	53·4	+ 4·5	80	0	2	0·33	—	29·2	—	42	—
	Rothamsted	67	32	58·7	44·4	51·3	+ 5·7	65	0	3	0·18	− 0·50	22·5	+ 1·0	33	+ 1
	†Shoeburyness (Southend)	63	37	60·0	48·1	53·9	+ 5·4	83	0	5	0·32	− 0·18	28·0	—	41	—
	London, Westminster	68	36	61·0	46·6	53·6	+ 6·5	81	0	3	0·10	− 0·51	21·7	+ 9·4	31	+ 14
4. MIDLAND COUNTIES. Eastern part.	Harrogate	61	36	55·6	43·4	49·3	+ 4·7	51	0	5	0·69	− 0·04	22·9	—	33	—
	†Bawtry (Worksop)	66	37	58·1	46·0	51·9	+ 6·6	69	0	5	0·31	− 0·24	18·6	+ 1·7	27	+ 3
	Nottingham	67	31	58·1	42·1	49·9	+ 4·1	55	0	5	0·33	− 0·19	13·4	—	19	—
	†Colly Weston (Oundle)	68	35	59·7	43·7	51·5	+ 5·4	67	0	5	0·16	− 0·43	29·1	—	42	—
	Birmingham, Edgbaston	66	40	56·7	46·4	51·4	+ 5·3	66	0	5	0·24	− 0·39	16·1	—	23	—
	Oxford	65	32	59·3	44·0	51·4	+ 4·9	66	0	4	0·13	− 0·47	24·0	+ 3·8	35	+ 6
4. MIDLAND COUNTIES. Western part.	†Cheadle (Sheffield)	64	38	54·9	44·3	49·4	+ 4·4	52	0	6	0·65	− 0·07	21·6	—	31	—
	Shrewsbury	67	33	58·9	44·0	51·2	+ 3·6	64	0	5	0·40	—	*	*	*	*
	Hereford	65	32	58·4	42·9	50·4	+ 4·1	59	0	6	0·36	− 0·26	*	*	*	*
	Cirencester	65	33	58·0	42·8	50·2	+ 5·1	57	0	5	0·12	− 0·58	26·7	+ 6·9	39	+ 10
	Bath	66	34	60·3	43·9	51·9	+ 4·8	69	0	3	0·14	− 0·55	28·9	—	42	—
	(Margate)												22·1	+ 1·1	32	+ 2
5. ENGLAND, S.	Kew	67	34	60·3	45·5	52·7	+ 5·9	75	0	2	0·04	− 0·56	27·8	+ 9·4	40	+ 14
	Wisley, Surrey	66	31	59·9	44·3	51·9	+ 5·2	69	0	3	0·07	—	31·0	—	44	—
	†Swarraton (Ventnor)	65	32	58·4	44·1	51·0	+ 5·4	63	0	6	0·20	− 0·62	34·3	+ 9·5	49	+ 14
	Tunbridge Wells	66	34	59·7	45·0	52·1	+ 5·8	71	0	3	0·27	− 0·53	33·3	+ 11·5	48	+ 17
	†Dungeness (Littlestone)	64	37	59·9	47·4	53·5	+ 4·5	81	0	2	0·44	− 0·27	27·3	—	39	—
	Hastings	63	42	59·9	48·8	54·2	+ 5·0	85	0	3	0·38	− 0·44	28·5	+ 3·8	41	+ 5
	Southampton	66	37	61·2	48·6	54·7	+ 6·0	89	0	4	0·30	− 0·54	31·3	+ 8·9	45	+ 13
	†Portland Bill (Worthing)	63	48	59·4	53·3	56·3	+ 6·1	100	0	2	0·03	—	38·7	—	55	—
	(Eastbourne)												36·8	+ 16·8	53	+ 24
6. SCOTLAND, W.	†Laudale, (Oban)	61	35	55·4	43·2	49·1	+ 3·2	50	0	6	3·34	+ 1·60	10·4	—	16	—
	Glasgow	60	39	54·6	45·2	49·8	+ 5·0	55	0	6	1·51	+ 0·69	15·9	+ 2·1	24	+ 3
	Dumfries	61	30	56·9	42·9	49·7	+ 4·3	54	0	6	2·06	+ 1·14	*	*	*	*
	Cally	60	32	57·1	41·6	49·1	+ 3·9	51	1	5	1·69	+ 0·54	*	*	*	*
	Douglas, Isle of Man	59	33	56·2	45·5	50·7	+ 3·5	61	0	3	1·46	+ 0·38	24·2	+ 3·6	36	+ 5
7. ENGLAND, N.W.	Aspatria	62	38	56·5	45·6	50·9	+ 5·8	62	0	6	1·25	+ 0·33	22·7	—	33	—
	Newton Rigg	62	33	55·0	42·1	48·4	+ 4·2	45	0	6	1·06	+ 0·17	18·9	+ 1·9	28	+ 3
	Stonyhurst	62	37	55·4	44·5	49·8	+ 4·4	55	0	6	1·31	+ 0·22	20·3	+ 2·7	29	+ 4
	Blackpool	63	39	57·0	46·6	51·7	+ 4·8	68	0	6	1·39	+ 0·49	24·4	+ 6·1	35	+ 9
	Manchester, Prestwich	64	33	57·0	44·9	50·8	+ 5·0	62	0	6	0·88	+ 0·01	11·7	− 1·3	17	− 2
	†Liverpool Obs. (Hoylake)	63	42	56·7	46·6	51·5	+ 4·2	67	0	6	0·41	− 0·36	27·0	—	39	—
	†Hawarden Bridge (Southport)	66	40	59·6	46·9	53·1	+ 5·5	78	0	5	0·40	− 0·33	24·5	—	36	—
NORTH WALES	Llandudno	65	42	58·6	48·8	53·6	+ 4·7	81	0	4	0·92	+ 0·04	30·0	+ 12·4	44	+ 18
	†Holyhead (Aberdovey)	61	43	57·6	47·9	52·6	+ 3·4	74	0	4	1·17	+ 0·19	27·4	—	40	—
	Bettws-y-Coed	65	35	58·1	44·1	50·9	+ 2·1	62	0	5	1·77	—	27·4	—	40	—
8. SOUTH WALES	Llangammarch Wells	62	29	56·5	40·6	48·3	+ 0·2	50	4	5	1·20	—	13·7	—	27	—
	Pembroke	60	46	57·4	50·1	53·6	+ 3·7	81	0	5	0·85	− 0·07	30·2	+ 9·3	44	+ 14
	†Cardiff (Aberystwyth)	65	33	58·6	43·7	50·9	+ 3·3	62	0	5	0·59	− 0·46	26·5	—	38	—
8. ENGLAND, S.W.	†Clifton (Torquay)	65	40	58·2	48·0	53·0	+ 5·5	77	0	6	0·32	− 0·52	33·6	+ 11·6	48	+ 17
	†Shaftesbury (Marlborough)	63	41	57·6	47·7	52·5	+ 6·2	74	0	2	0·18	− 0·65	20·1	+ 1·1	29	+ 2
	†Arlington (Newquay)	61	38	57·3	46·4	51·7	+ 4·7	68	0	6	0·61	− 0·83	28·9	+ 5·6	41	+ 8
	Cullompton	65	34	59·6	44·4	51·8	+ 5·3	69	0	5	0·21	− 0·67	23·9	+ 5·1	34	+ 7
	Plymouth	62	43	58·8	49·7	54·1	+ 4·8	85	0	5	0·31	− 0·56	27·3	+ 5·4	39	+ 8
	Falmouth	61	45	57·3	50·2	53·7	+ 3·6	82	0	5	0·30	− 0·88	28·0	+ 4·5	40	+ 6
9. IRELAND, N. Western part.	Malin Head	62	41	55·3	45·6	50·3	+ 2·8	58	0	6	0·58	− 0·14	*	*	*	*
	Edenfel	62	29	54·9	39·0	46·7	+ 2·2	46	8	7	1·99	+ 1·15	*	*	*	*
	Blacksod Point	61	42	55·9	46·6	51·1	+ 2·5	64	0	7	2·34	+ 1·15	*	*	*	*
	Markree Castle	63	30	56·3	41·2	48·5	+ 2·7	49	2	7	2·28	+ 1·31	20·3	+ 2·3	30	+ 3
9. IRELAND, N. Eastern part.	Armagh	61	37	55·9	43·9	49·7	+ 4·1	54	0	6	1·26	+ 0·62	17·0	− 1·7	25	− 3
	Donaghadee	60	36	55·9	41·9	48·7	+ 1·5	47	0	4	1·07	+ 0·38	*	*	*	*
10. IRELAND, S. Eastern part.	†Dublin, City (Phœnix Park)	64	39	58·8	46·9	52·7	+ 4·6	75	0	4	0·70	+ 0·07	31·2	+ 8·8	45	+ 13
	Kilkenny	61	29	57·4	38·7	47·8	+ 1·2	54	9	5	1·58	+ 0·88	*	*	*	*
	Waterford	66	32	57·6	43·6	50·4	+ 2·8	59	0	6	0·63	− 0·27	*	*	*	*
10. IRELAND, S. Western part.	Birr Castle	63	30	57·6	39·3	48·2	+ 2·1	55	8	7	1·27	+ 0·60	26·0	+ 5·9	38	+ 9
	Foynes	59	41	56·9	46·6	51·6	+ 4·1	67	0	7	1·89	+ 1·03	*	*	*	*
	Killarney	66	38	60·9	46·3	53·4	+ 4·7	80	0	7	2·62	+ 1·38	*	*	*	*
	Valencia	62	40	57·9	48·7	53 2	+ 3·4	78	0	7	2·63	+ 1·36	17·7	− 3·5	26	− 5
	†Roches Point (Ballinacurra)	60	39	57·6	47·4	52·4	+ 3·0	73	0	7	0·92	− 0·05	18·3	—	26	—
11 ENGLISH CHANNEL	Scilly, St. Mary's	63	51	59·4	53·0	56·1	+ 3·8	99	0	4	0·21	− 0·65	31·8	+ 7·8	45	+ 11
	†Jersey, St. Aubins (St. Heliers)	66	41	61·0	50·9	55·8	+ 4·1	97	0	3	0·09	− 0·92	34·4	+ 8·9	49	+ 13
	Guernsey	65	48	61·2	52·3	56·6	+ 4·6	102	0	3	0·13	− 0·96	39·9	+ 17·2	57	+ 25

Information for Stations marked ℳ is supplied by the Royal Meteorological Society, and that for Stations marked 𝒮 is supplied by the Scottish Meteorological Society.

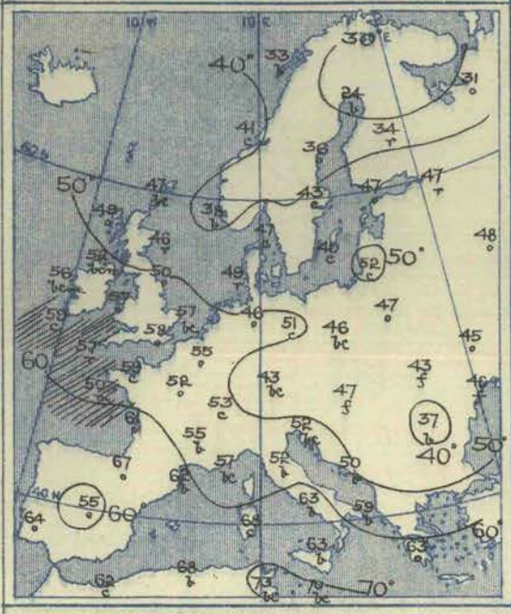
* An Asterisk is inserted in all places for which the information is not usually given.

† There is no Sunshine Recorder in use at this Station. The figures entered for Sunshine are those recorded at a Station in the same district of which the name is given in brackets.

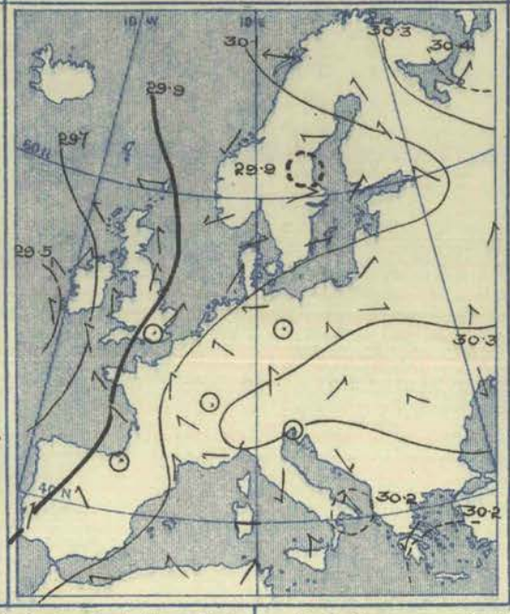
Additional Sunshine Totals for the week: Ramsgate, 26·8 hrs., 38 %; Brighton, 35·3 hrs. (+10·9), 51 % (+16 %); Bournemouth, 35·7 hrs., 51 %; Bognor, 35·6 hrs., 51 %; Rhyl, 31·7 hrs., 46 %; Tenby, 25·5 hrs. (+ 3·6), 37 % (+ 5 %).

Sunday, 21st October, 1906.

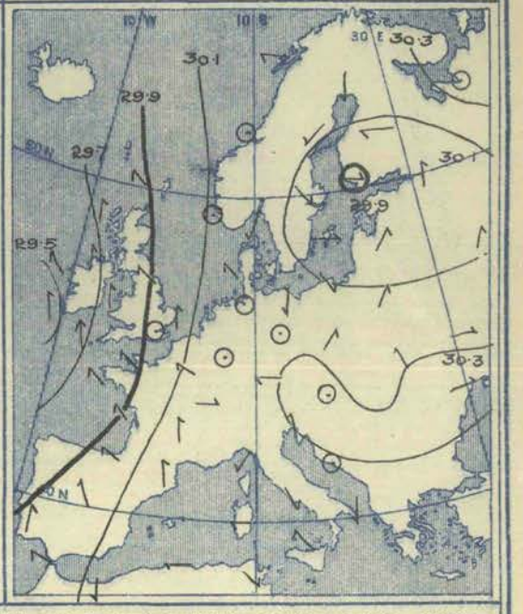
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine and bright in most parts of Italy and Algeria, as well as in the south of France and at some stations in Central Europe. Cloudy or overcast over our area as a whole, with rain in Portugal, Denmark, and Finland, and also at Scilly and Aberdeen. Fog prevailing in various places in Central Europe and on the northern shores of the Black Sea. Considerable quantities of rain experienced later in Russia and Scandinavia. As much as 0·9 in. recorded on the south-west coast of Ireland and slighter amounts in most other parts of our Islands.

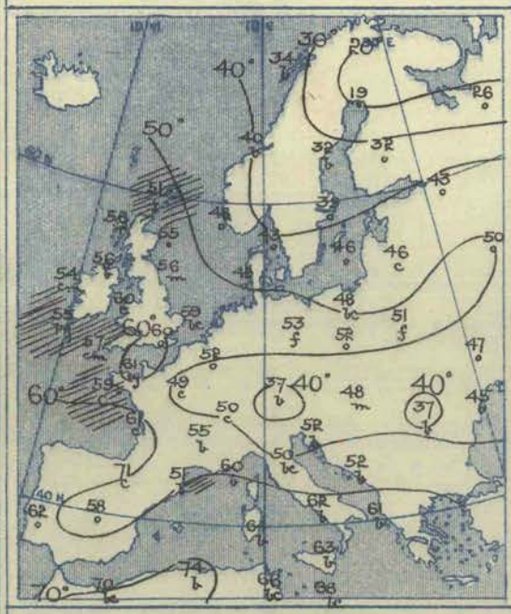
TEMPERATURE risen over the United Kingdom and its neighbourhood—very rapidly inland. Readings in morning about 60° in the south of this country, above 65° at some stations in the Mediterranean region, and as high as 78° at Tunis. Below 50° over a considerable portion of Central Europe and decreasing to below 30° in the far north of our area. Thermometer rising to 66° in London and at Bath during day, and to 64° or 65° in several other parts of England. Maxima above 70° in most French localities and on the shores of the Mediterranean, and as high as 80° at Biarritz and Algiers, and 82° at La Calle. Minima during the night extremely high over these Islands.

WIND at 8 a.m moderate from South-East over the Bay of Biscay, and light or moderate from between South-East and South-West over these Islands. A light to fresh cyclonic circulation prevailing over Northern Europe, and light variable or anticyclonic airs over the central regions. No important change during day.

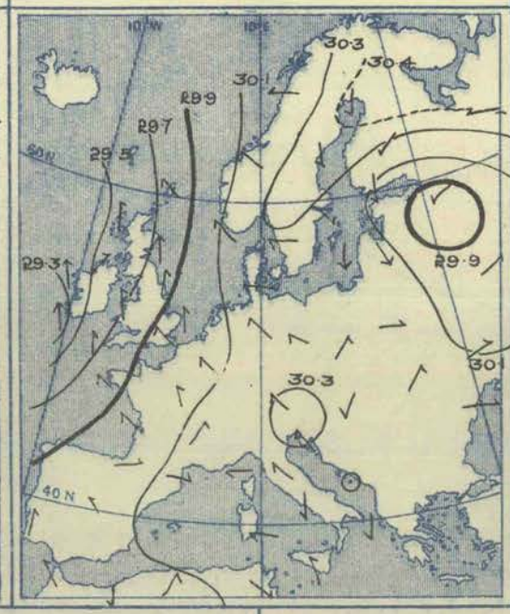
BAROMETER in morning above 30·3 ins. over the White Sea and also in an anticyclonic system extending from the Black Sea to Lombardy; below 29·9 ins. in a depression over Sweden, and less from 29·5 ins. off the west of Ireland. Scarcely any change occurring later in the general distribution of pressure, and very little in the actual height of the barometer. Swedish minimum travelling eastwards to the Gulf of Finland.

Monday, 22nd October, 1906.

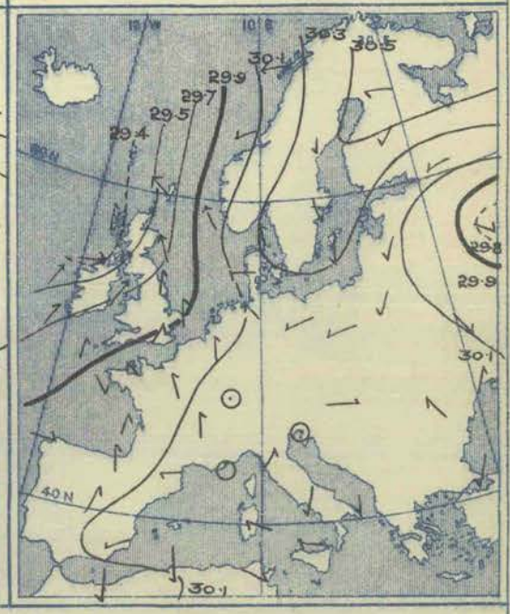
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER in morning fair or fine as a whole, but dull in places, showery at some of our own western stations, and foggy in several parts of Central Europe. Rain later in all parts of the United Kingdom, the north-east of France, Norway, and over the southern half of Russia. Largest amount reported in these Islands, 0·65 in. at Yarmouth. Lightning observed at night or in early morning in the east of England.

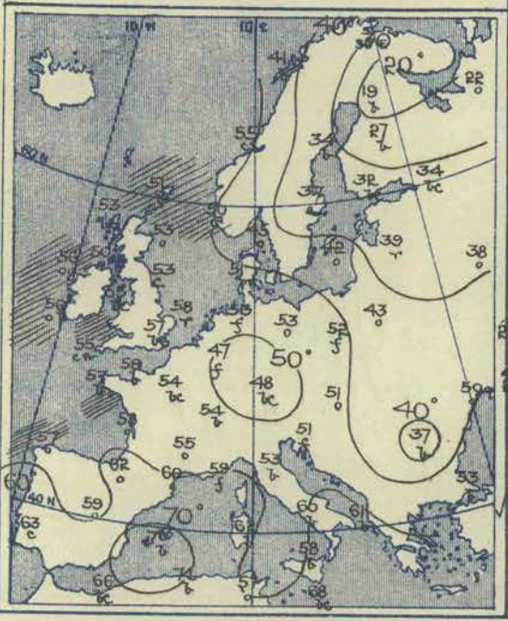
TEMPERATURE risen in Scotland and in some isolated places on the Continent, but fallen as a whole. Readings at 8 a.m. as high as 74° at Algiers, about 65° in many other parts of the Mediterranean region, and about 60° in the south and west of our Islands. As low as 19° at Haparanda and 26° at Archangel, and below 40° at a few places in Central Europe. Rising during day to 88° at Algiers, to nearly 80° at some other southern stations, and to above 70° in the south generally. Maxima above 65° in many parts of these Islands and as high as 68° in London. Succeeding night again very mild over this country.

WIND at 8 a.m. showing a very extensive cyclonic circulation over Russia, and a Southerly current over the United Kingdom and France. A fresh or strong breeze blowing on our western coasts, but little force as a whole. Increasing to a gale from South-South-East later on the south-west coast of Norway, and increasing to a very strong breeze from the Westward on the north coast of Ireland.

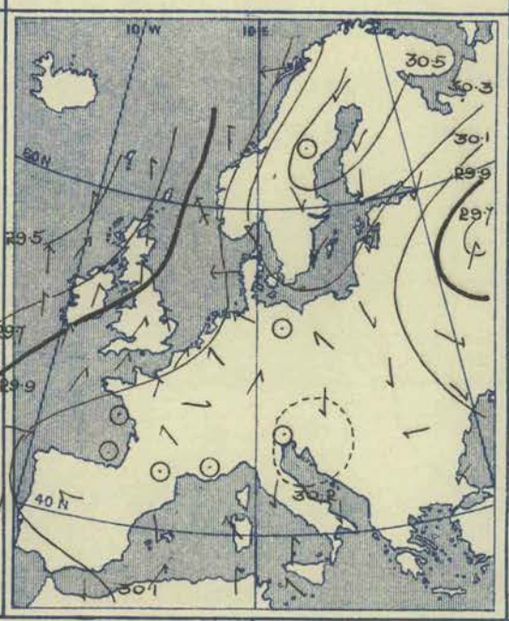
BAROMETER in morning ranging from above 30·3 ins. in a wedge of high pressure covering the greater portion of Scandinavia, to below 29·9 ins. in a depression over Russia, and to less than 29·3 ins. in another system off the south-west coast of Ireland. Russian disturbance travelling eastwards during day and increasing in depth, and that off the south-west of of Ireland moving northwards. Barometer rising very briskly in the south of Ireland, and gradients becoming less steep over the southern and south-western parts of our Islands.

Tuesday, 23rd October, 1906.

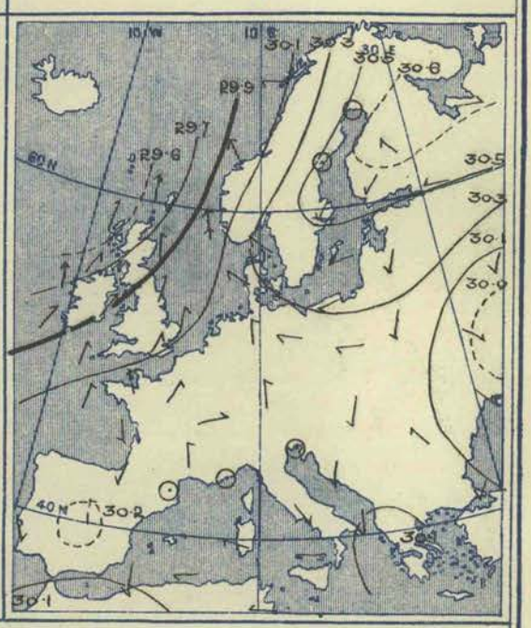
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. cloudy or overcast in most parts of Russia, with rain at Riga. Fair or fine over our area as a whole, but rainy at Cape Gris Nez and on the east coast of England, showery in the south-west of Ireland, and foggy at the mouth of the Elbe and at several stations in Central Europe. Rain, in small amounts, falling later in most parts of these Islands, as well as at various stations in Norway, Denmark, Germany and Russia.

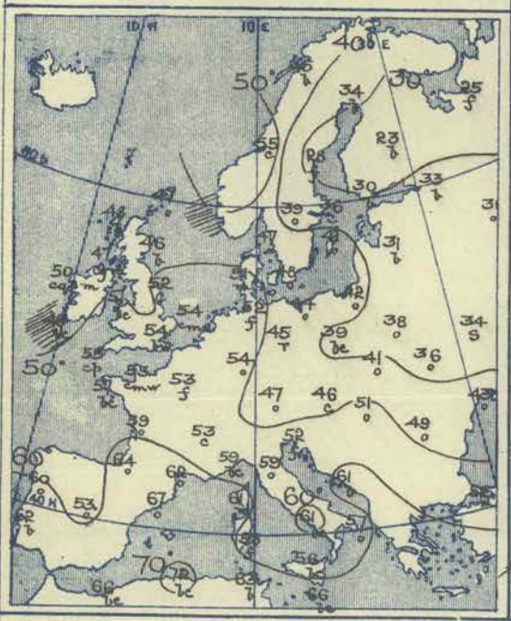
TEMPERATURE fallen generally, risen in Norway, the Low Countries, and Bavaria. Readings in morning a little above or slightly below 50° over the greater portion of Central Europe, about ten degrees higher over the south of England and Southern Europe, and as high as 74° at Algiers. Below 32° in the far north and as low as 19° and 22° respectively at Uleaborg and Archangel. Maxima during day above 70° over a large part of France and the Mediterranean region, and as high as 80° in Algeria. Thermometer rising to 60° or slightly above in several British localities.

WIND in morning mainly Southerly to South-Westerly over the United Kingdom and the western countries generally and from between North-East and North-West over eastern and north-eastern Europe; Southerly current blowing a very strong breeze on the north-west coast of Ireland, and on the south-west coast of Norway. Very little force elsewhere. Not much change during day; gale continuing on the Norwegian coast.

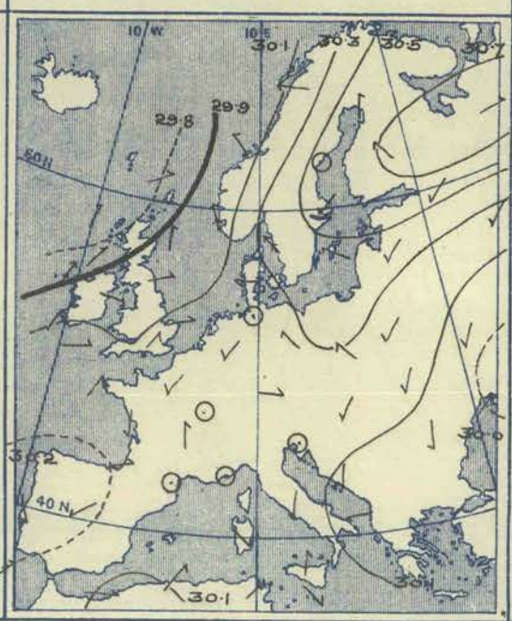
BAROMETER in morning above 30·5 ins. in an anticyclone over Finland and the Gulf of Bothnia, and relatively high over all the central countries; decreasing to 29·7 ins. in a depression having its minimum not far from Glasgow, and to less than 29·5 ins. off the north-west coast of Scotland. A small secondary disturbance shown over the east of England. Pressure increasing over Northern Europe during day and Russian depression travelling southwards. Gradients becoming steeper between Norway and the Shetlands.

Wednesday, 24th October, 1906.

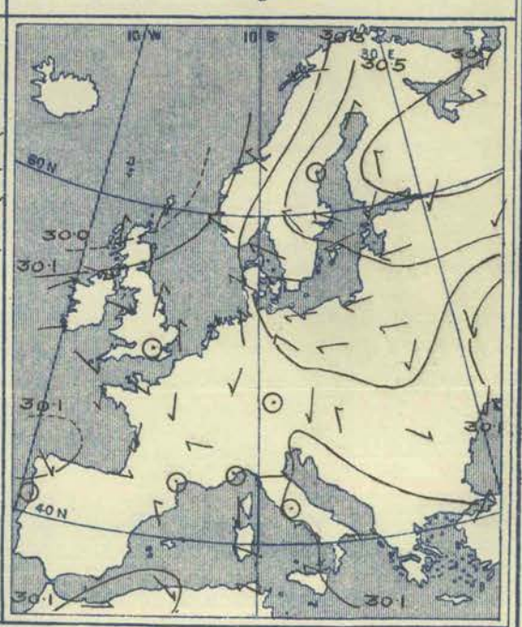
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fair or fine as a whole, but overcast in several regions, and rainy at Berlin and on the south-west coast of Norway, showery at some of our western and south-western stations, and foggy over the Low Countries and in some localities over Central and Southern Europe; snow falling at Kieff. Rain experienced later in various parts of our Islands, Norway, France, and in some central regions of Europe; largest amounts, 0·7 in. at Paris, and 1·0 in. at Skudesnaes. Quantity very slight in this country.

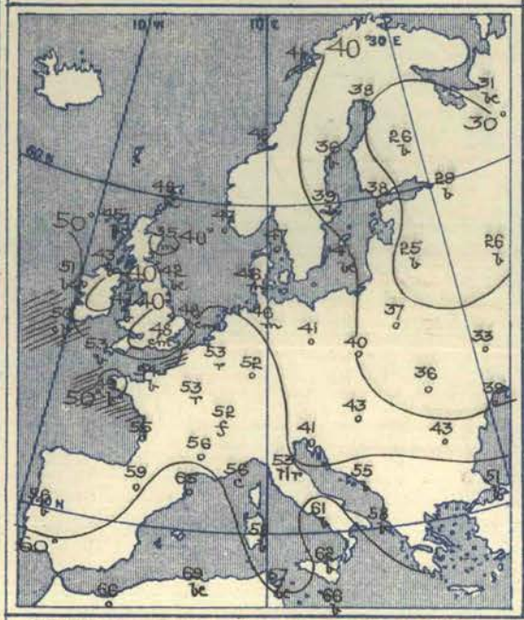
TEMPERATURE risen in the extreme north of our area, fallen generally. Readings in morning ranging from 72° at Algiers and 67° at Barcelona to below 50° in the north and west of the United Kingdom and over the major portion of the Continent, and to less than 30° in the far north-east. Lowest reading, 23° at Kuopio. Thermometer subsequently rising to 60° or slightly higher in many English localities, to above 70° in various parts of the Mediterranean region, and to as high as 86° at Algiers. Maxima below 50° in Poland and at some German stations. Night colder than of late over these Islands.

WIND in morning mainly South-Westerly or Westerly over this country and its immediate vicinity and South-Easterly on the eastern shores of the North Sea. Little force as a whole, but a gale prevailing at Skudesnaes. Light variable breezes general over Central and Southern Europe, and Light Northerly to North-Westerly winds over the greater part of Russia. Becoming more Westerly over these Islands later and veering to the North-Westward in the south and south-west of England. Gale at Skudesnaes subsiding.

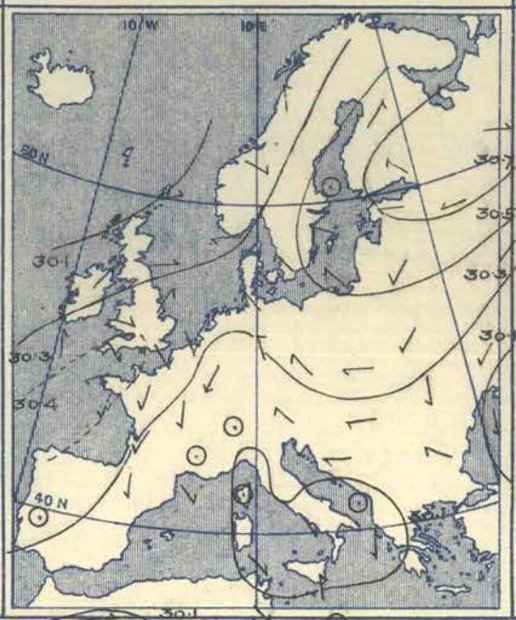
BAROMETER in morning above 30·7 ins. in an anticyclone centred over the north of Russia and relatively high in an irregularly shaped area extending thence to the south-west of France Below 29·8 ins. off our south-west coasts and below 29·9 ins. over Southern Russia. A small secondary depression shown over England. Pressure increasing during day over the United Kingdom, and an anticyclonic system advancing over from the south-westward. Disturbance over Southern Russia growing deeper.

Thursday, 25th October, 1906.

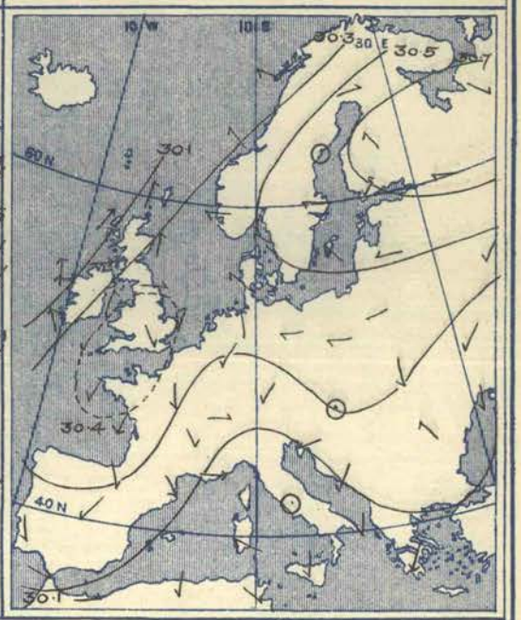
Temperature and Weather. — 8 a.m.



Barometer and Wind. — 8 a.m.



Barometer and Wind. — 6 p.m.



WEATHER at 8 a.m. fair or fine very generally, but dull and rainy in several parts of France, Belgium and Holland, as well as in the south of Scandinavia, overcast in the central countries, and a thunderstorm in progress at Florence. Changeable, with showers, on the west coast of Ireland. Rain falling later in Ireland generally, the extreme north of Scotland, over various northern portions of the Continent, and also in the south of Russia and at some French and Algerian stations. Largest amounts, 0·9 in. at Clermont and 1·6 in. at Oxö.

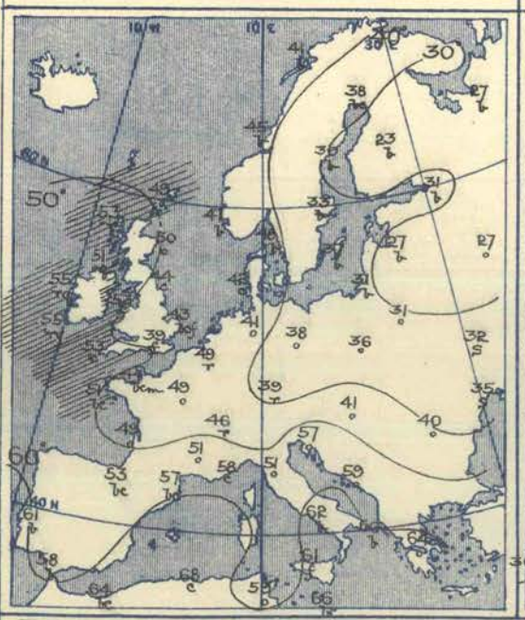
TEMPERATURE risen in a few places but fallen as a whole. Readings in morning below 40° in Central Ireland, the English midlands, and the east of Scotland, as well as over many parts of Central and Northern Europe. Decreasing to 23° in the north of Finland, and increasing to above 60° at a few stations in the far south of our area. Rising during day to above 55° in the south and south-west of our Islands, to above 60° over the greater part of France, and to 70° or above in Italy, Greece, the Spanish Peninsula, and Algeria. Highest value, 82° at Algiers.

WIND at 8 a.m. light anticyclonic over most of our Islands and Northern Europe and cyclonic over France and the Mediterranean region; Northerly current blowing freshly or strongly in the west and north of France. A fresh to strong Southerly wind setting in on our west and north-west coasts later in day and increasing to a fresh gale at Blacksod Point.

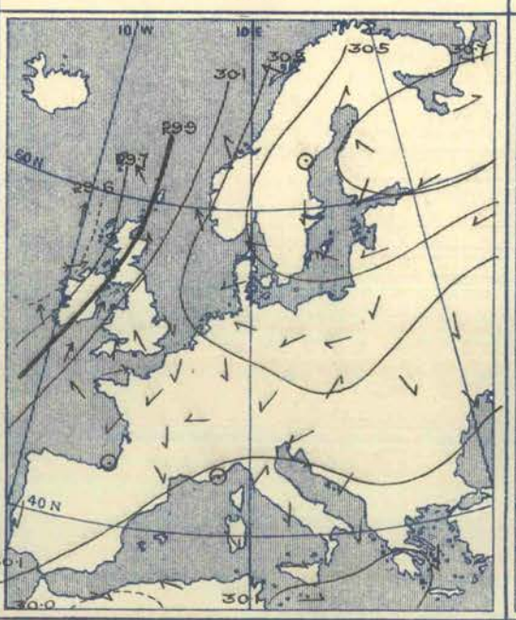
BAROMETER in morning as high as 30·7 ins. in an anticyclone having its maximum over Finland and the adjacent part of Russia and above 30·4 ins. in a smaller system extending from the Atlantic to the centre of England. Below 30·1 ins. in a large shallow area over Italy and its neighbourhood, and also to the northward of the Shetlands. Barometer falling briskly in Ireland and the west of Scotland by evening and gradients increasing quickly in that region. Little change occurring in the general distribution of pressure.

Friday, 26th October, 1906.

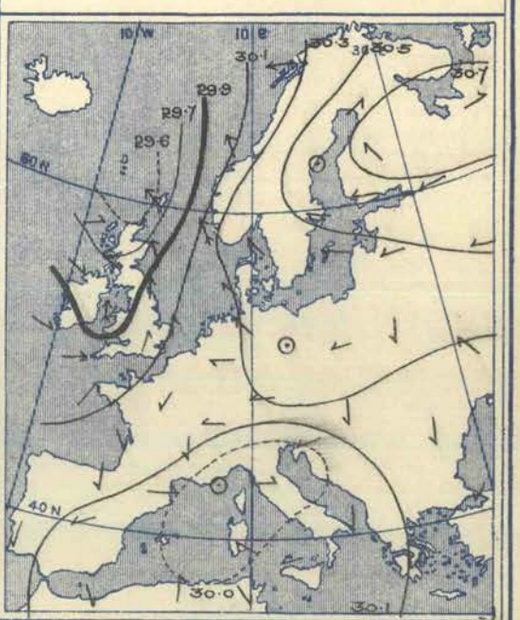
Temperature and Weather. — 8 a.m.



Barometer and Wind. — 8 a.m.



Barometer and Wind. — 6 p.m.



WEATHER at 8 a.m. foggy in the south-east of England and overcast over the United Kingdom generally, as well as in Central Europe and the east of France, with rain at Munich and Belfort; rain also falling at Brussels. Fine and bright in almost all other parts of our area, but snow prevailing at Lemberg and in the south of Russia. Rain experienced later over these Islands, the north of Italy and its vicinity, as well as at some Spanish stations, and a thunderstorm occurring at Algiers. Amounts heavy at several of our own western and northern stations.

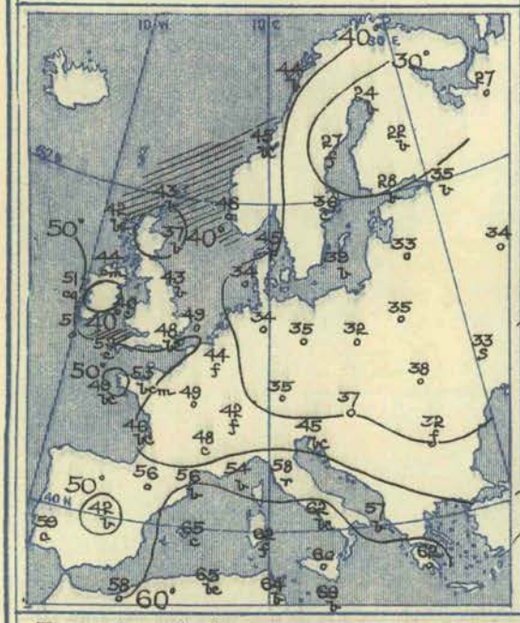
TEMPERATURE risen over our western and northern districts and the Adriatic, fallen in almost all other regions. Readings in morning ranging from 68° at Algiers and 66° at Malta, to below 40° in the south-east of this country and the major portion of Central and Northern Europe, and to below the freezing point in the north-east. Lowest value, 21° at Uleaborg. Rising subsequently to above 55° in most parts of these Islands, to 70° at Nice and many other stations on the shores of the Mediterranean, and to 82° at Sfax. Maxima below 40° in many parts of central Europe.

WIND in morning mainly Southerly over the United Kingdom and strong on all our western and extreme northern coasts—a strong gale at Malin Head and Blacksod Point, and a fresh gale at Wick. Light variable airs prevailing over Southern Europe and the Mediterranean, and a light anticyclonic circulation over the east and north-east of our area. A fresh Southerly gale setting in at Holyhead by evening, and a strong South-East gale in the Shetlands and the west of Norway. Veering to North-West and moderating in the west of Ireland.

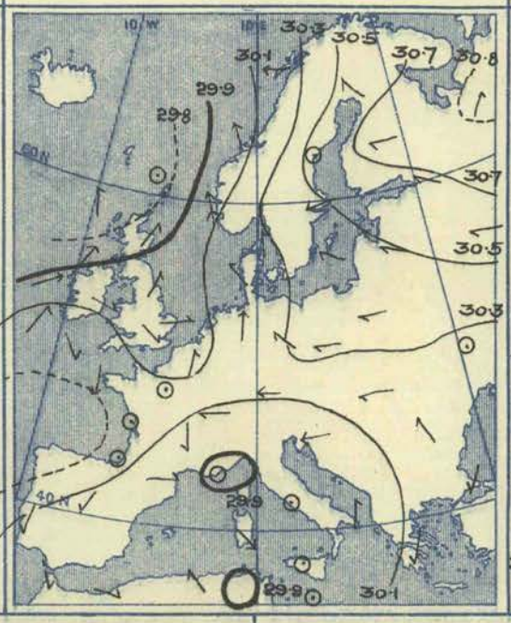
BAROMETER in morning, highest, above 30·7 ins. in the central portion of an anticyclone over Finland and Northern Russia; lowest, less than 29·5 ins. in a depression off our north-west coasts. Gradients steep over our western districts and off the west coast of Norway. Western disturbance proving to be V-shaped by evening; trough of the system travelling eastwards over our Islands, and barometer rising very briskly in its rear over Ireland. Northern high pressure system maintaining its position.

Saturday, 27th October, 1906.

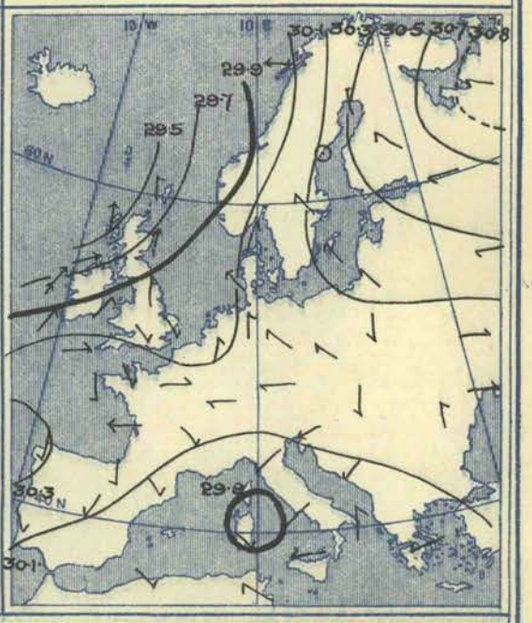
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER in morning fine over our area as a whole, but overcast in the central countries and the north of Italy, Belgium, and Holland, with rain at the Helder, Florence, and Pesaro. Rain also falling at Dungeness, Havre, and in the north of Denmark. Heavy rain later in Ireland and the south of Norway, and considerable amounts in Scotland. Rain or snow falling in the central and more southern regions of Russia, and moderate amounts of rain in Italy and at Malta.

TEMPERATURE fallen over most of this country and at the majority of Continental stations; risen in the south-east of England and north of France. Readings at 8 a.m. above 60° in a few places in the far south, and as high as 69° at Malta. Sharp frost prevailing in the north-east of Europe, lowest reading being 20° at Uleaborg. Thermometer below 40° over the greater portion of Central Europe. Rising subsequently to above 70° at some stations in the extreme south of our area, but remaining below 55° in nearly all parts of the United Kingdom, and below 40° in various parts of Central Europe.

WIND in morning moderate from West or North-West over England, light from South-West in Scotland, and moderate to fresh from that quarter in Ireland. Southerly or South-Easterly on the eastern shores of the North Sea, and strong to a gale in the south of Norway. A vast anticyclonic movement shown over the east and north-east of our area, and feeble cyclonic circulations in the far south. Increasing to a gale from South-West later on the north-west coast of Ireland, but no general change taking place.

BAROMETER in morning ranging from 30·8 ins. at Archangel and above 30·7 ins. in the far north-east generally, to below 29·9 ins. in a depression over the Gulf of Genoa and in another system over Tunis, and to below 29·8 ins. in a large disturbance off our north-west coasts. A well-marked depression of a V-shaped character shown over the North Sea. Barometer falling rather briskly later over our western and northern districts and along the west coast of Norway. Scarcely any change occurring in the region of highest pressure.

IV.—TEMPERATURE on the Grass, and in the Ground.

	STATION.	Grass Min. No. of Obs. of 30° or less.	Grass Min. Lowest reading.	Mean Earth Temp. At 1 foot.	Mean Earth Temp. At 4 feet.
			°	°	°
2.	York	—	—	50·8	53·1
2.	Hull	1	27	48·4	53·0
3.	Cambridge	1	29	—	—
3.	Dunmow	1	27	—	—
4.	Harrogate	1	30	49·0	50·6
4.	Sheffield	0	31	50·0	52·5
4.	Birmingham	2	26	50·4	52·2
4.	Nottingham	1	29	49·5	53·7
5.	Kew	1	29	52·5	55·1
5.	Canterbury	0	35	53·9	56·0
5.	Portsmouth	0	32	54·9	57·2
6.	Glasgow	2	30	—	—
7.	Newton Rigg	4	24	49·4	51·4
7.	Bettws-y-Coed	0	34	49·4	52·0
7.	Manchester (Oldham Road)	0	35	50·2	54·4
8.	Llangammarch Wells	3	25	51·3	53·3
8.	Bath	—	—	55·0	57·5
8.	Plymouth	0	36	54·7	—
9.	Armagh	0	32	50·3	52·7
9.	Markree	2	25	—	—
10.	Dublin, Trin. Coll.	1	27	50·4	52·6
11.	Guernsey, Brooklyn	0	38	56·0	57·9

V.—OBSERVATIONS IN THE UPPER AIR.—Temperature, Humidity and Wind Velocity.

Date of Observation.	Station and its Height above M.S.L.		Heights in feet above Mean Sea Level. Ground Level.	1,660.	3,320	5,000.	6,660.	8,320.	10,000.	Remarks
1906.										
October 23rd, 9.50 a.m. to 11.15 a.m.	Oxshott, 200 ft.	Temperature F.	60°	54°	47°	[48°]				One 9 ft. kite; 6,000 ft. wire. Max. height, 4,800 ft. No change of temperature over 2,900 ft. Cloud level 2,000 ft. Heavy clouds at times. Clear in afternoon.
		Humidity	80%	95%	95%	[60%]				
		Wind Velocity, m. per hr.	SW by W, 5	WSW, 25	WSW, 30	[WSW, 25]				
October 25th, 10.15 a.m. to 12.42 p.m.	Brighton, 380 ft.	Temperature F.	52°	45°	43°					One kite, 6,500 ft. wire. Clear sky. Anemometer pen failed, but the wind decreased with height.
		Humidity	80%	60%	40%					
		Wind Velocity, m. per hr.	N by E	?	?					
October 27th, 2.8 p.m. to 3.47 p.m.	Glossop Moor, 1,100 ft.	Temperature F.	45°	40°	31°	25°				One 9 ft. kite; 6,500 ft. wire. Max. height 5,880 ft. Min. Temp. 22°. Level of detached clouds, 2,500 ft. At 3.5 kite dived nearly to the ground but recovered.
		Humidity	86%	87%	80%	50%				
		Wind Velocity, m. per hr.	W	W, 28	W by N, 33	W by N, 41				
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								

63, Victoria Street, London, S.W. *October 31st, 1906.*

W. N. SHAW, *Director.*

WEEKLY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE,

AND PUBLISHED FOR H.M. STATIONERY OFFICE BY WYMAN AND SONS, LTD., FETTER LANE, E.C., AND 32, ABINGDON STREET, WESTMINSTER, S.W.; OR OLIVER AND BOYD, EDINBURGH; OR E. PONSONBY, 116, GRAFTON STREET, DUBLIN.

SUPPLIED FOR THE PUBLIC SERVICE

TWENTY-NINTH YEAR. Vol. XXIII. (New Series.) } No. 44. FORTY-FOURTH WEEK, ENDING SATURDAY, NOVEMBER 3RD, 1906.

[Price 6d. Annual Subscription post paid £1 10s. 0d.

I.—GENERAL REMARKS.

Weather was very rainy in all districts, but intervals of clear or partially clear sky were not infrequent in Ireland and the south-west of England. Hail showers occurred in several places and, on the 30th, some snow fell at Newton Rigg. Thunderstorms were experienced in various parts of England on Monday and thunder was heard at some south-eastern and southern stations on Saturday.

Temperature was below the normal over the greater part of the United Kingdom, but rather above it in the north and east of Scotland and the north-east, east and south of England. In Ireland S. the deficit amounted to 4·3°. The highest of the maxima occurred generally on October 28th, and ranged from 59° in the English Channel, 58° in Scotland W. and 57° in Scotland N. and central and southern England to 54° in Scotland E. and Ireland N. The lowest of the minima were mostly recorded either on October 30th or November 3rd; the thermometer fell to 21° in Scotland N. (at Lairg on the 30th), 23° in Scotland E., 25° in England S.W., and 26° in Ireland S. In all other districts except England E. and the English Channel the minima were below 32°.

Rainfall was more than the average except in Scotland N. and W. Over the east and south of Great Britain the fall was more than twice the normal quantity. Several falls of more than an inch in 24 hours were measured, the two most notable being 1·34 in. at Worthing on the 29th, and 1·31 in. at Newcastle-on-Tyne on the following day.

Bright Sunshine was deficient throughout the eastern section and also in England N.W., but in excess elsewhere. The percentage of the possible amount of duration ranged from 41 in Ireland S. and 39 in England S.W. to 16 in England S. and to 9 in England N.E.

Barometer and Wind.—Cyclonic conditions prevailed throughout the period. At first the type was South-Westerly to Westerly and the winds from those quarters generally fresh or strong, but the formation of a deep depression over the English Channel and the south of England on Monday night brought about an Easterly type, and the winds from that quarter were sometimes strong to a gale along our eastern and north-eastern coasts. During the latter part of the week these Islands were under the influence of a depression that had reached the south-east of England and the North Sea from the Mediterranean. This system, after moving north-westwards and forming a junction with a shallow disturbance from the westward, finally passed away north-westwards to the Atlantic. Quite at the end of the period another deep depression was approaching these Islands from the south-westward.

SUMMARY OF TEMPERATURE, RAINFALL, AND DURATION OF BRIGHT SUNSHINE IN THE UNITED KINGDOM, FOR AGRICULTURAL AND SANITARY PURPOSES.

THE WEEK (44th)—October 28th to November 3rd, 1906.

DISTRICTS. (See p. 260.)	Temperature. Highest.	Lowest.	Means of: Daily Max.	Daily Min.	Daily Mean.	Difference from Av. (35 Yrs.)	Accumulated. Number of Day-Degrees. Above 42°	Difference from Av. (25 Yrs.)	Below 42°	Difference from Av. (25 Yrs.)	Rainfall. Number of Rain-Days.	Diff. from Av. (35 Yrs.)	Total Fall.	Difference from Average (35 Yrs.)	Sunshine. Hours recorded.	Diff. from Av. (25 Yrs.)	Percentage of Possible Duration	Diff. from Av. (25 Yrs.)
	°	°	°	°	°	°	Day-deg.	Day-deg.	Day-deg	Day-deg.			Inches.	Inches.			%	%
0. SCOTLAND, NORTH ..	57	21	50·2	39·1	44·5	+ 1·4	30	+ 5	8	- 4	6	+ 1	0·83	-0·41	17	+ 3	28	+ 5
Eastern 1. SCOTLAND, EAST ..	54	23	49·5	38·4	43·3	+ 1·1	28	+ 1	10	- 5	6	+ 2	1·96	+1·22	13	- 7	20	-11
Eastern 2. ENGLAND, N.E. ..	55	30	49·4	41·0	45·1	+ 0·5	26	- 6	8	- 5	7	+ 3	1·96	+1·34	6	- 12	9	-18
Eastern 3. ENGLAND, EAST ..	56	34	51·9	42·9	47·2	+ 1·5	36	- 1	0	-10	6	+ 2	1·39	+0·80	8	- 10	12	-15
Eastern 4. MIDLAND COUNTIES	57	30	49·0	38·2	43·5	- 1·3	26	- 10	11	- 1	6	+ 2	0·75	+0·13	12	- 4	17	- 6
Eastern 5. ENGLAND, SOUTH ..	57	31	52·2	42·0	46·9	+ 0·5	34	- 13	0	- 7	6	+ 2	1·99	+1·24	11	- 7	16	-11
Western 6. SCOTLAND, WEST ..	58	30	49·4	40·0	44·6	- 0·1	27	- 7	6	- 2	6	+ 2	0·88	-0·26	16	+ 1	25	+ 1
Western 7. ENGLAND, N.W. ..	56	31	48·4	39·9	44·0	- 1·7	23	- 16	6	+ 1	6	+ 2	1·20	+0·33	12	- 7	18	-10
Western 8. ENGLAND, S.W. ..	56	25	50·2	38·3	44·1	- 2·6	30	- 18	10	+ 5	5	+ 1	1·30	+0·31	26	+ 8	39	+11
Western 9. IRELAND, NORTH ..	54	28	49·1	37·8	43·3	- 2·2	27	- 10	12	+ 5	7	+ 2	1·18	+0·33	25	+ 8	38	+12
Western 10. IRELAND, SOUTH ..	56	26	49·1	36·4	42·6	- 4·3	28	- 16	16	+10	6	+ 2	0·96	+0·04	27	+ 9	41	+14
11. ENGLISH CHANNEL	59	36	53·6	45·2	49·3	- 1·6	51	- 15	0	0	6	+ 1	1·29	+0·31	25	+ 3	36	+ 5

THE SEASON (**Autumn**).—Aggregates, &c., for the Period of 9 Weeks, September 2nd to November 3rd, 1906.

0. SCOTLAND NORTH ..	89	21	*	*	*	*	545	+103	27	-14	41	- 2	8·57	-1·88	233	+ 49	33	+ 7
Eastern 1. SCOTLAND, EAST ..	87	23	*	*	*	*	578	+114	38	-14	36	0	8·28	+2·05	258	+ 52	37	+ 7
Eastern 2. ENGLAND, N.E. ..	94	30	*	*	*	*	718	+168	6	-19	33	+ 1	6·36	+1·11	266	+ 16	38	+ 2
Eastern 3. ENGLAND, EAST ..	93	30	*	*	*	*	861	+222	0	-34	29	- 2	5·15	+0·11	309	+ 50	43	+ 7
Eastern 4. MIDLAND COUNTIES	96	29	*	*	*	*	741	+155	23	-20	34	+ 3	5·71	+0·26	245	+ 29	35	+ 4
Eastern 5. ENGLAND, SOUTH ..	92	31	*	*	*	*	853	+148	0	-23	31	0	6·43	+0·35	304	+ 42	43	+ 6
Western 6. SCOTLAND, WEST ..	89	28	*	*	*	*	623	+ 77	14	-16	35	- 2	8·20	-1·61	250	+ 42	35	+ 6
Western 7. ENGLAND, N.W. ..	90	27	*	*	*	*	686	+ 82	10	- 6	37	+ 1	7·47	-0·06	260	+ 43	37	+ 6
Western 8. ENGLAND, S.W. ..	88	23	*	*	*	*	760	+ 73	10	- 6	34	- 1	7·55	-0·59	307	+ 56	43	+ 8
Western 9. IRELAND, NORTH ..	78	24	*	*	*	*	628	+ 65	23	- 3	42	+ 1	6·64	-0·69	254	+ 51	36	+ 7
Western 10. IRELAND, SOUTH ..	79	24	*	*	*	*	716	+ 75	23	+ 5	39	+ 3	7·03	-0·53	284	+ 44	40	+ 6
11. ENGLISH CHANNEL	82	36	*	*	*	*	904	+108	0	0	33	- 5	5·33	-2·31	346	+ 50	48	+ 7

THE YEAR.—Aggregates, &c., for the period of 44 Weeks, December 31st, 1905, to November 3rd, 1906.

0. SCOTLAND, NORTH..	89	8	*	*	*	*	1969	+ 32	673	+ 73	214	+22	43·36	+3·09	1137	+ 57	28	+ 1
Eastern 1. SCOTLAND, EAST ..	88	11	*	*	*	*	2313†	+ 95	662	+ 6	177	+13	29·55	+3·54	1369	+129	34	+ 3
Eastern 2. ENGLAND, N.E. ..	94	18	*	*	*	*	2868	+401	470	- 41	156	+ 9	20·70	-0·45	1516	+122	38	+ 3
Eastern 3. ENGLAND, EAST ..	93	23	*	*	*	*	3225	+357	413	-153	134	- 9	18·85	-1·38	1717	+257	44	+ 7
Eastern 4. MIDLAND COUNTIES	96	18	*	*	*	*	3065	+277	509	- 76	150	+ 4	20·44	-2·57	1471	+195	37	+ 5
Eastern 5. ENGLAND, SOUTH	92	20	*	*	*	*	3251	+149	351	- 62	143	0	22·00	-0·84	1763	+261	45	+ 7
Western 6. SCOTLAND, WEST ..	89	14	*	*	*	*	2522	+125	433	- 18	181	+10	39·39	-0·03	1377	+ 99	35	+ 3
Western 7. ENGLAND, N.W. ..	90	16	*	*	*	*	2776	+117	389	- 19	173	+14	30·95	+2·55	1435	+152	36	+ 4
Western 8. ENGLAND, S.W. ..	88	19	*	*	*	*	3036	+ 86	337	+ 25	168	+12	33·49	+1·94	1608	+170	41	+ 4
Western 9. IRELAND, NORTH..	84	20	*	*	*	*	2525	- 17	378	- 2	214	+22	31·76	+1·25	1283	+ 97	32	+ 2
Western 10. IRELAND, SOUTH..	81	24	*	*	*	*	3041	+131	287	+ 5	197	+26	30·74	-2·65	1420	+ 51	36	+ 1
11. ENGLISH CHANNEL	89	27	*	*	*	*	3561	+ 94	79	- 35	161	- 3	22·03	-5·17	1844	+ 94	47	+ 2

† Corresponding values for some previous weeks slightly altered owing to further information.

Bright Sunshine.—For certain of the Districts the values of Bright Sunshine in this Table are based on the records from a part only of the Stations included in Table II. For certain of the Stations Mean Values are not available, and for the Districts containing these Stations the "Difference from Average" is based on the records from a smaller number of Stations than those supplying the values for "Hours Recorded."

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II.—DATA from which the SUMMARY on page 259 has been calculated.

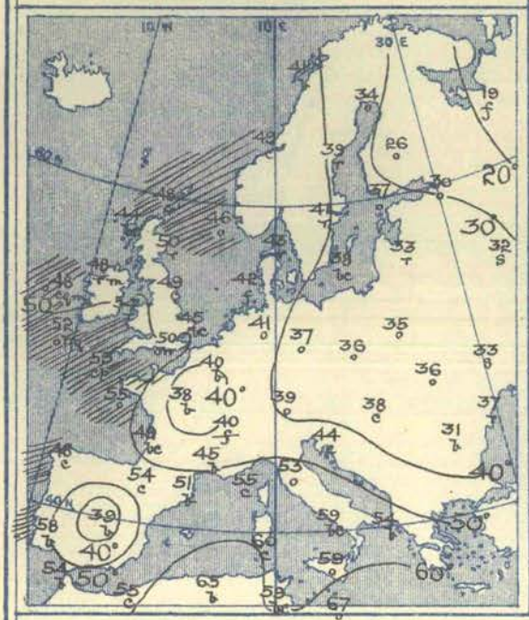
October 28-November 3, 1906.		Temperature. In Degrees Fahrenheit.								Rainfall.			Bright Sunshine.			
Districts.	Names of Stations.	Highest observed.	Lowest observed.	Averages for the Week. Of Highest each day.	Of Lowest each day.	For whole of each day.	Difference of Daily Average from Mean for the Week.	Accumulated Heat for the Week (in Day-degrees). Above 42°	Below 42°	Number of Rain-Days.	Rainfall in the Week.	Difference from the Mean for the Week.	Number of Hours recorded.	Difference from the Mean for the Week.	Percentage of possible duration.	Difference from the Mean for the Week.
		°	°	°	°	°	°	Day-deg	Day-deg		Inches.	Inches.	Hrs.	Hrs.	%	%
O. SCOTLAND, N.	†Sumburgh Head (Deerness)	51	37	49·7	41·9	45·7	+ 2·2	26	0	6	0·52	- 0·43	15·9	+ 0.9	26	+ 2
	Wick	52	25	50·7	37·9	44·1	+ 0·6	32	11	6	0·82	+ 0·14	*	*	*	*
	†Lairg (Strathpeffer)	53	21	50·0	35·5	42·5	+ 1·5	31	18	6	1·51	+ 0·64	16·8	+ 0·8	27	+ 1
	Stornoway	56	30	51·7	39·7	45·5	+ 2·1	34	6	5	0·56	- 0·71	22·8	+ 8·4	37	+ 14
	Glencarron	54	26	48·8	38·1	43·3	+ 1·2	25	11	6	0·98	- 1·13	*	*	*	*
	Fort Augustus	53	30	49·7	40·2	44·8	+ 1·2	27	5	5	0·52	- 0·46	12·9	+ 2·8	21	+ 5
	Fort William	57	34	50·6	40·3	45·3	+ 1·2	30	5	7	0·90	- 0·93	*	*	*	*
1. SCOTLAND, E.	Nairn	53	23	50·7	35·9	43·1	+ 0·3	33	17	6	0·61	+ 0·07	19·9	—	32	—
	Aberdeen	52	30	50·7	39·0	44·7	+ 1·0	32	8	6	1·87	+ 1·17	11·0	- 6·6	18	- 11
	†Balmoral (Crathes)	50	23	46·7	37·6	42·0	+ 2·2	13	12	7	2·85	+ 1·96	14·4	—	23	—
	†Clathick (Balruddery)	53	30	50·2	39·3	44·6	+ 1·8	30	8	6	2·29	+ 1·32	14·1	—	22	—
	†Leith (Edinburgh)	54	32	50·3	41·3	45·7	+ 0·8	29	2	7	1·52	+ 1·02	8·4	- 5·9	13	- 9
	Marchmont	50	27	48·6	37·0	42·6	+ 0·3	25	14	6	2·59	+ 1·78	7·9	- 7·4	12	- 12
2. ENGLAND, N.E. Northern part.	†Alnwick Castle (Cockle Park)	53	30	50·2	39·2	44·5	+ 0·5	29	8	7	2·39	+ 1·58	8·2	—	13	—
	†Shields (Newcastle)	52	36	49·4	39·9	44·5	- 0·4	26	6	7	2·13	+ 1·53	2·8	- 8·8	4	- 14
	Durham	52	32	47·9	39·6	43·6	+ 0·3	21	7	7	2·03	+ 1·29	5·1	- 11·3	8	- 18
	Scarborough	52	36	50·2	42·1	46·0	+ 0·8	28	0	7	2·13	+ 1·43	3·5	—	5	—
	York	55	36	48·9	41·4	45·0	+ 0·7	24	2	7	2·09	+ 1·49	2·2	- 12·0	3	- 18
Southern part.	†Spurn Head (Saltburn)	53	39	51·0	44·3	47·6	+ 1·4	39	0	7	2·07	+ 1·54	5·3	—	8	—
	†Lincoln (Skegness)	53	34	49·1	40·6	44·7	+ 0·4	25	4	7	1·69	+ 1·18	7·6	—	12	—
	†Fulbeck (Rauceby)	53	36	48·5	41·0	44·6	+ 0·5	22	3	7	1·15	+ 0·65	7·6	—	12	—
	(Cromer)												7·5	—	11	—
3. ENGLAND, E. Northern part.	Hillington	52	36	49·4	41·4	45·3	+ 0·7	26	2	7	2·38	+ 1·75	5·2	- 11·6	8	- 18
	†Yarmouth (Lowestoft)	56	40	53·0	45·1	48·9	+ 3·2	48	0	5	1·04	+ 0·39	9·8	—	15	—
	Geldeston	56	38	52·5	42·7	47·5	+ 2·2	39	0	7	1·03	+ 0·44	9·1	- 10·2	14	- 15
	(Dunmow)												7·8	—	12	—
Southern part.	Cambridge	54	36	51·2	40·6	45·7	+ 0·9	32	4	6	1·09	+ 0·57	5·9	- 11·7	9	- 18
	Felixstowe	55	41	52·7	44·9	48·7	+ 2·0	47	0	7	1·38	—	11·1	—	17	—
	Clacton-on-Sea	54	41	52·6	44·9	48·6	+ 1·4	46	0	7	1·49	—	11·0	—	17	—
	Rothamsted	54	34	50·2	39·0	44·4	+ 0·2	29	8	5	1·09	+ 0·43	6·4	- 12·7	10	- 19
	†Shoeburyness (Southend)	54	41	52·6	44·7	48·5	+ 1·4	46	0	5	1·54	+ 1·04	11·2	—	17	—
	London, Westminster	55	40	52·7	42·4	47·4	+ 1·7	38	0	5	1·43	+ 0·84	5·7	- 4·0	9	- 6
4. MIDLAND COUNTIES. Eastern part.	Harrogate													—		—
	†Bawtry (Worksop)	52	32	49·0	38·4	43·5	- 0·6	26	10	7	1·48	+ 1·00	6·8	- 8·2	10	- 12
	Nottingham	53	33	49·1	40·1	44·5	+ 0·1	25	5	6	0·71	+ 0·21	5·7	—	9	—
	†Colly Weston (Oundle)	53	35	49·9	39·6	44·6	+ 0·1	28	7	7	0·67	+ 0·09	6·8	—	10	—
	Birmingham, Edgbaston	51	34	47·9	38·8	43·2	- 1·3	22	9	5	0·68	+ 0·05	12·2	—	19	—
	Oxford	55	30	50·7	39·3	44·8	- 0·3	31	8	5	0·72	+ 0·14	11·7	- 6·3	18	- 10
Western part.	†Cheadle (Sheffield)	50	34	46·3	37·8	41·9	- 1·9	12	17	6	0·77	+ 0·06	8·1	—	13	—
	Shrewsbury	54	32	48·7	36·9	42·6	- 3·8	26	14	6	0·47	—	*	*	*	*
	Hereford	54	30	48·8	37·2	42·8	- 2·2	26	13	6	0·80	+ 0·19	*	*	*	*
	Cirencester	51	31	48·6	36·5	42·4	- 1·3	26	15	4	0·44	- 0·26	19·4	+ 1·9	29	+ 3
	Bath	57	32	51·4	37·7	44·4	- 1·6	35	12	4	0·76	+ 0·06	21·0	—	31	—
	(Margate)												8·6	- 10·0	13	- 15
5. ENGLAND, S.	Kew	55	39	51·9	41·9	46·8	+ 1·4	34	0	6	1·56	+ 0·98	9·2	- 7·0	14	- 11
	Wisley, Surrey	55	38	52·0	41·2	46·4	+ 0·9	34	2	6	1·64	—	8·2	—	12	—
	†Swarraton (Ventnor)	54	31	50·6	38·3	44·3	+ 0·1	32	10	6	1·33	+ 0·53	15·3	- 6·4	23	- 10
	Tunbridge Wells	52	36	50·3	40·8	45·4	+ 0·6	29	3	7	3·33	+ 2·55	9·3	- 10·4	14	- 16
	†Dungeness (Littlestone)	56	38	54·1	44·4	49·1	+ 1·6	50	0	6	3·13	+ 2·45	11·1	—	17	—
	Hastings	55	40	52·4	43·8	48·0	+ 0·2	42	0	7	2·55	+ 1·75	5·9	- 16·5	9	- 25
	Southampton	57	37	52·9	41·1	46·8	- 0·4	37	3	5	1·23	+ 0·38	15·7	- 4·5	23	- 7
	†Portland Bill (Worthing)	57	39	53·0	44·1	48·4	- 0·4	45	0	4	1·12	—	11·3	—	17	—
	(Eastbourne)												7·1	- 10·9	11	- 16
6. SCOTLAND, W.	†Laudale (Oban)	58	35	50·5	40·3	45·3	+ 0·4	30	5	4	0·90	- 0·84	18·1	—	29	—
	Glasgow	54	33	48·6	40·4	44·4	+ 0·8	24	4	7	1·31	+ 0·48	12·2	+ 0·5	19	+ 1
	Dumfries	53	30	49·4	40·2	44·7	+ 0·5	26	5	7	0·74	- 0·14	*	*	*	*
	Cally	53	30	48·5	37·5	42·8	- 1·4	25	13	7	1·02	- 0·15	*	*	*	*
	Douglas, Isle of Man	53	34	49·9	41·8	45·7	- 0·6	27	1	6	0·44	- 0·66	19·5	+ 1·2	30	+ 2
7. ENGLAND, N.W.	Aspatria	51	34	47·2	40·7	43·9	0·0	19	4	7	2·11	+ 1·18	4·4	—	7	—
	Newton Rigg	52	31	46·6	38·3	42·3	- 0·5	18	10	7	2·41	+ 1·53	7·5	- 7·7	12	- 12
	Stonyhurst	53	36	47·1	40·3	43·6	- 0·6	18	5	6	1·40	+ 0·33	2·1	- 13·3	3	- 21
	Blackpool	54	36	49·5	41·2	45·2	- 0·4	26	2	4	0·72	- 0·15	6·9	- 9·2	11	- 14
	Manchester, Prestwich	50	37	48·0	40·3	44·0	- 0·5	21	5	6	1·33	+ 0·50	6·3	- 4·9	10	- 8
	†Liverpool Obs. (Hoylake)	53	36	48·1	40·4	44·1	- 2·1	21	4	5	1·06	+ 0·34	15·7	—	24	—
	†Hawarden Bridge (Southport)	56	34	48·4	38·9	43·5	- 3·0	24	9	5	0·28	- 0·41	6·5	—	10	—
NORTH WALES	Llandudno	52	35	49·5	40·0	44·6	- 3·0	27	6	5	0·62	- 0·21	16·7	+ 0·9	25	+ 1
	†Holyhead (Aberdovey)	55	39	50·3	42·3	46·2	- 1·9	29	0	5	0·92	- 0·05	26·2	—	40	—
	Bettws-y-Coed	54	32	49·0	36·4	42·5	- 5·0	27	16	5	1·19	—	17·9	—	27	—
8. SOUTH WALES	Llangammarch Wells	53	25	48·1	33·5	40·6	- 6·1	17	33	4	0·93	—	20·1	—	31	—
	Pembroke	56	38	51·7	43·1	47·3	- 1·5	37	0	7	2·33	+ 1·42	21·4	+ 2·6	32	+ 4
	†Cardiff (Aberystwyth)	55	27	50·7	35·9	43·1	- 3·4	33	17	4	1·20	+ 0·19	28·5	—	43	—
ENGLAND, S.W.	†Clifton (Torquay)	53	36	48·7	40·5	44·5	- 1·7	24	4	5	1·10	+ 0·29	32·8	+ 13·1	49	+ 20
	†Shaftesbury (Marlborough)	52	37	47·5	39·5	43·4	- 1·4	20	7	6	1·17	+ 0·35	13·6	- 2·6	20	- 4
	†Arlington (Newquay)	53	32	49·6	37·1	43·2	- 2·3	29	14	6	2·52	+ 1·09	29·2	+ 7·7	44	+ 12
	Cullompton	55	27	51·2	33·9	42·3	- 2·9	36	23	4	0·65	- 0·21	22·1	+ 5·3	33	+ 8
	Plymouth	56	36	53·5	40·1	46·6	- 1·6	40	5	4	0·51	- 0·36	31·7	+ 12·0	47	+ 18
	Falmouth	56	39	51·2	41·5	46·2	- 2·8	32	1	6	1·33	+ 0·15	31·0	+ 9·7	46	+ 15
9. IRELAND, N. Western part.	Malin Head	52	35	48·9	41·1	44·9	- 1·6	24	3	7	2·23	+ 1·50	*	*	*	*
	Edenfel	51	28	47·9	37·0	42·3	- 1·1	23	14	7	1·43	+ 0·58	*	*	*	*
	Blacksod Point	51	36	49·6	39·0	44·1	- 3·5	37	8	6	1·21	+ 0·02	*	*	*	*
	Markree Castle	54	29	49·4	33·6	41·3	- 3·5	21	33	6	0·61	- 0·36	25·8	+ 9·4	40	+ 15
Eastern part.	Armagh	52	31	48·6	36·9	42·6	- 1·0	26	14	7	0·95	+ 0·31	23·6	+ 6·5	36	+ 10
	Donaghadee	52	30	49·9	39·1	44·3	- 1·8	28	8	7	0·65	- 0·05	*	*	*	*
10. IRELAND, S. Eastern part.	†Dublin, City (Phœnix Park)	54	33	48·0	37·0	42·3	- 4·7	23	14	6	0·43	- 0·19	30·7	+ 10·3	47	+ 16
	Kilkenny	51	26	46·9	32·0	39·2	- 6·2	14	37	4	0·60	- 0·10	*	*	*	*
	Waterford	55	28	49·0	34·6	41·6	- 5·0	20	29	4	0·56	- 0·34	*	*	*	*
Western part.	Birr Castle	51	27	47·1	32·6	39·6	- 5·3	14	35	6	0·81	+ 0·11	30·9	+ 12·6	47	+ 19
	Foynes	51	31	48·9	38·7	43·7	- 2·7	26	9	6	1·16	+ 0·27	*	*	*	*
	Killarney	56	29	51·9	36·2	43·8	- 3·7	37	16	7	1·71	+ 0·41	*	*	*	*
	Valencia	53	33	51·3	40·0	45·5	- 3·4	33	6	7	1·67	+ 0·37	24·1	+ 4·9	37	+ 7
	†Roches Point (Ballinacurra)	54	36	50·0	39·9	44·8	- 3·7	28	6	5	0·75	- 0·25	22·7	—	34	—
11 ENGLISH CHANNEL	Scilly, St. Mary's	57	44	52·4	46·9	49·6	- 1·7	53	0	6	1·44	+ 0·58	53·6	+ 11·9	50	+ 18
	†Jersey, St. Aubins (St. Heliers)	59	36	54·7	44·0	49·2	- 1·2	50	0	6	1·03	+ 0·04	18·0	- 5·0	27	- 7
	Guernsey	56	39	53·8	44·6	49·1	- 1·8	50	0	6	1·40	+ 0·30	22·1	+ 2·3	33	+ 3

Information for Stations marked ℳ is supplied by the Royal Meteorological Society, and that for Stations marked 𝒮 is supplied by the Scottish Meteorological Society.
* An Asterisk is inserted in all places for which the information is not usually given.
† There is no Sunshine Recorder in use at this Station. The figures entered for Sunshine are those recorded at a Station in the same district of which the name is given in brackets.

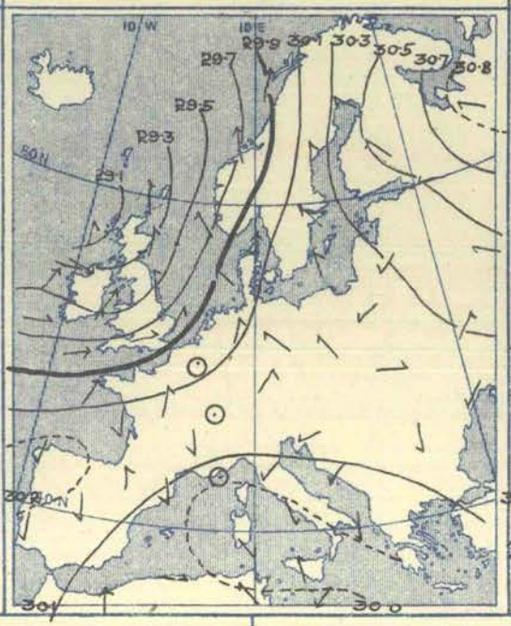
Additional Sunshine Totals for the week: Ramsgate, 12·2 hrs., 18 %; Brighton, 8·8 hrs. (-13·1), 13 % (-20 %); Bournemouth, 15·9 hrs., 24 %; Bognor, 14·3 hrs., 21 %; Rhyl, 17·6 hrs., 26 %; Tenby, 24·0 hrs. (+ 4·3), 36 % (+ 7 %).

Sunday, 28th October. 1906.

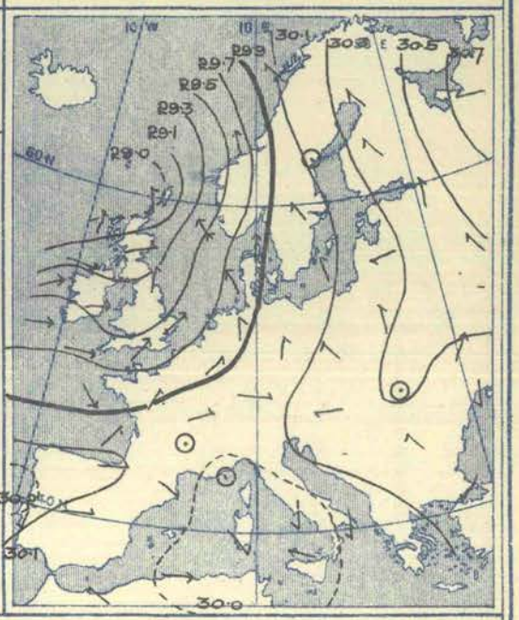
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine and bright in Algeria, at some stations on the Spanish Peninsula, and in a few isolated localities elsewhere, but overcast or very cloudy as a whole, with rain in many parts of the United Kingdom, Sweden, Denmark, and at Riga and Limoges, and snow at Moscow and in Little Russia. Considerable or rather heavy falls of rain later over our Islands and in various Scandinavian districts, as well as in the north of Italy and the adjacent portion of France; largest measurement, 1·3 in. at Cape Sicié.

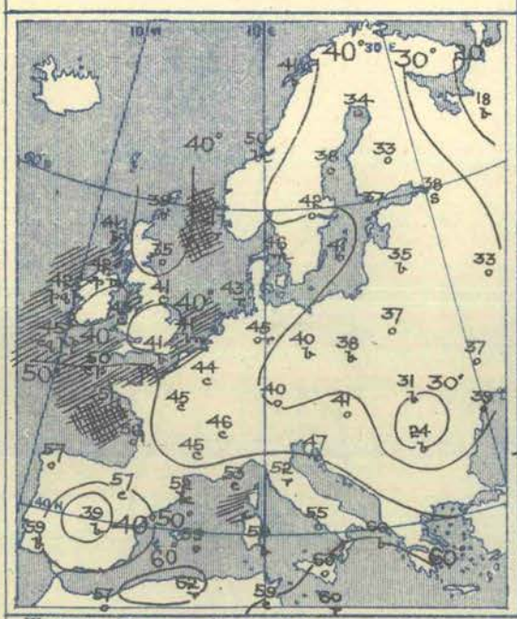
TEMPERATURE fallen generally except over these Islands and the greater portion of Scandinavia. Readings in morning below 30° in the north-east of our area, and as low as 19° at Archangel; below 40° over the central countries, but increasing to about 50° over this country, and to above 60° at some stations in the far south. Maxima above 55° in many English localities, above 60° in various parts of France and Southern Europe, and above 79° at Brindisi and in Algeria. Thermometer rising to 79° at Algiers.

WIND in morning Southerly or South-Westerly over these Islands and Southerly to South-Easterly over Denmark and Scandinavia; moderate or fresh in force generally, but very strong at some of our western and southern stations, and blowing a fresh gale at Holyhead. Light breezes between East and North prevailing over the east and north of our area, and a light cyclonic movement over the Mediterranean. Veering to the Westward and increasing in force over this country and increasing to a strong gale from the South-Eastward on the south and south-west coasts of Norway.

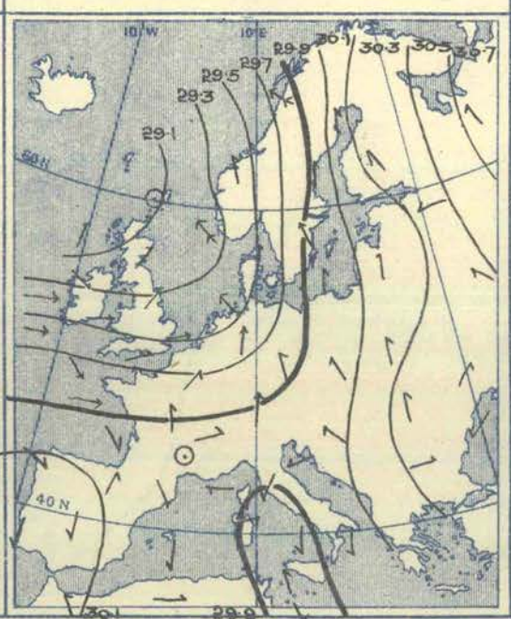
BAROMETER in morning ranging from above 30·8 ins. in the far north of Russia to below 30·0 ins. in a depression over the central part of the Mediterranean, and to below 29·2 ins. in a large disturbance off the north-west of Scotland. Pressure decreasing during day over these Islands and Western Europe as a whole, and a secondary minimum passing eastwards across England. Gradients increasing considerably over the North Sea and the English Channel region.

Monday, 29th October, 1906.

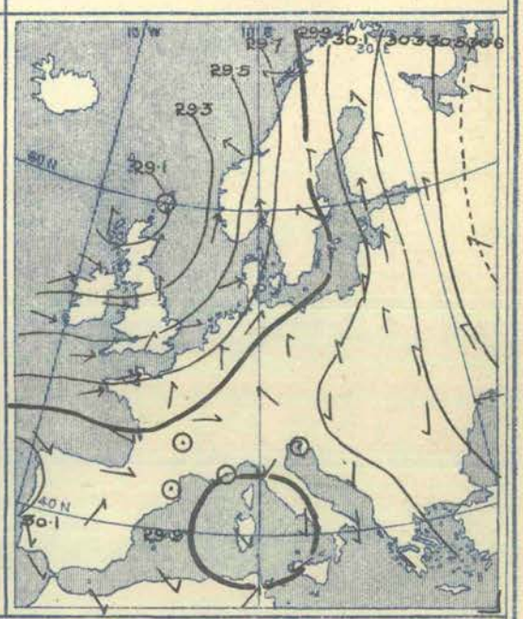
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. varying a good deal; fine and bright in a few scattered regions, but cloudy or dull generally, with rain or showers at several of our own stations and on the eastern shores of the North Sea, as well as at Limoges and Vienna, and over the north of Italy. Snow falling at St. Petersburg. Very heavy rain later along the north coast of France and at some of our own southern stations, and various quantities over northern Europe generally and also on some shores of the Mediterranean. As much as 2·8 ins. reported at Tunis.

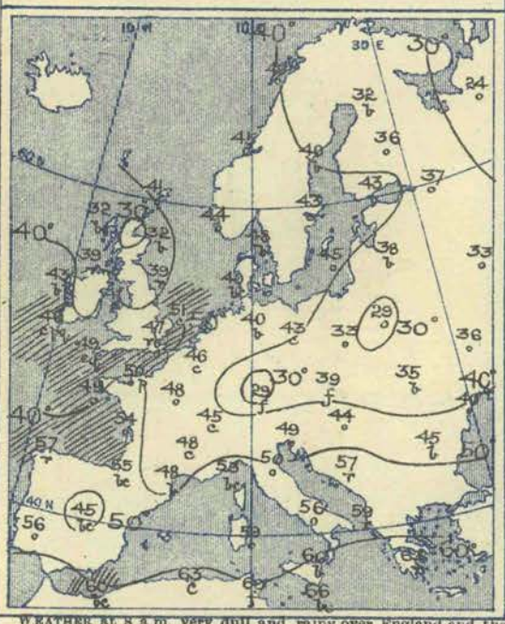
TEMPERATURE fallen over the United Kingdom, changed rather irregularly elsewhere. Readings in morning ranging from about 60° at a few stations in the extreme south to below 40° in many parts of Central Europe and at some of our own stations, and to below the freezing point over the north-east of our area and in Transylvania. Lowest value, 18° at Archangel. Thermometer rising to above 70° during day in parts of the Mediterranean region, but not touching 50° over a large portion of the Continent and at many of our own stations. Very sharp frost in Scotland at night.

WIND in morning fresh to very strong from the Westward over Ireland, England, and the north of France, with a gale at Portland Bill and Havre; strong from South-West over the Netherlands, and drawing into South-East and blowing a fresh to whole gale in Denmark and the south of Norway and also at Bodö. A separate cyclonic circulation shown over Italy and its neighbourhood. Not much change in direction during day, but force decreasing somewhat in our Islands and north-western Europe generally.

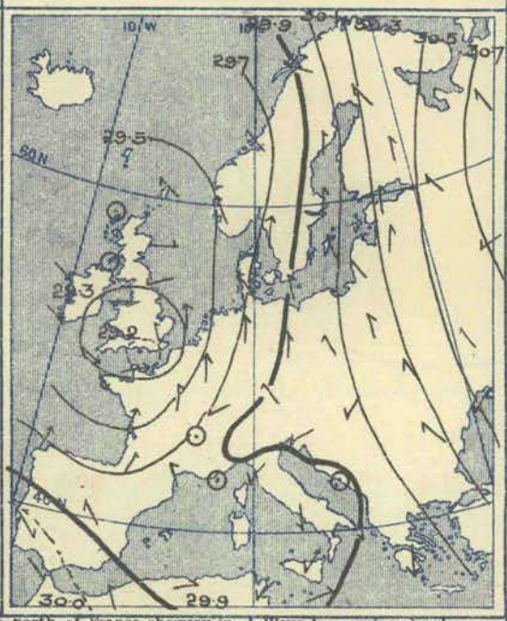
BAROMETER in morning above 30·7 ins. in the north of Russia and above 30·1 ins. over the Spanish Peninsula; decreasing to less than 29·9 ins. in a shallow depression extending from the southward towards the north of Italy and to below 29·1 ins. in a large and deep disturbance off the north-west of Scotland. Gradients steep over Scandinavia and rather steep on our southern coasts. Pressure increasing slowly in Scotland later but decreasing steadily over England, Ireland, and France. A deep depression forming during the night over the south of England and the adjacent portion of the Channel.

Tuesday, 30th October, 1906.

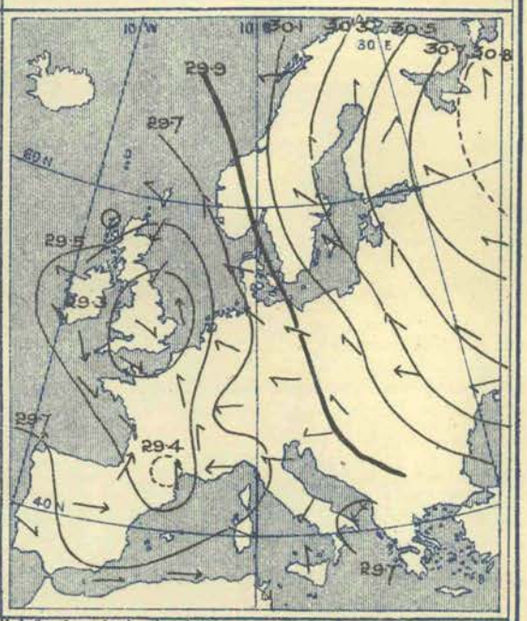
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. very dull and rainy over England and the north of France, showery in Ireland, and fair in Scotland. Fair in most Continental regions, but overcast in places, and rainy at Corunna and Athens and also on the shores of the Adriatic. Heavy rain experienced later in Wales and the south of England, as well as in most parts of France, Spain, Italy, and Algeria. More than an inch at some of our own stations and between two and three inches in the south of France. Thunderstorms occurring at Toulouse and Algiers, and also at Holyhead.

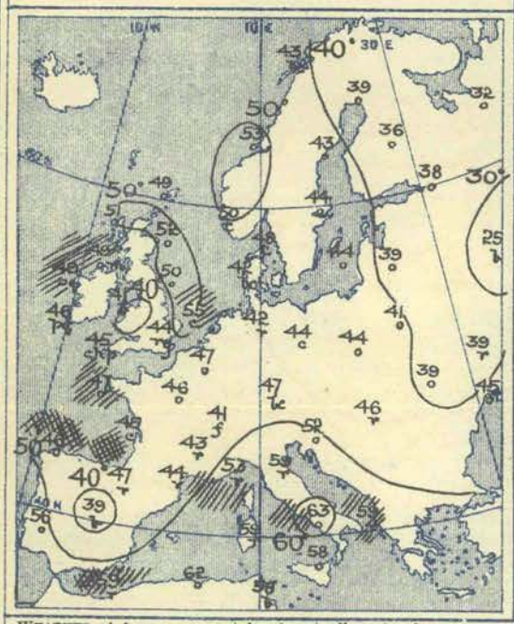
TEMPERATURE changed irregularly as a whole; fallen over the greater portion of these Islands and risen in the south-east of England. Readings in morning as low as 25° at Nairn and below the freezing point in many other parts of Scotland. Increasing to above 50° on the south-east coast of England. Below 32° at various stations in the central countries and in the north-east of our area, above 50° over the Mediterranean region, and above 60° in the extreme south. Maxima during day above 70° in Algeria, Sicily, and at Brindisi, and above 50° in most parts of our Islands. Thermometer rising very quickly in Scotland.

WIND in morning showing a well-defined cyclonic circulation over England and the adjacent portion of the Continent; of little force generally, but North-Westerly current strong on our south-west coast and at Brest, and Southerly current strong in the south-east of England. South-Easterly winds blowing a gale in the south of Norway. Light or moderate Southerly breezes prevailing over the north-eastern regions of our area and moderate breezes from varying quarters over the Mediterranean.

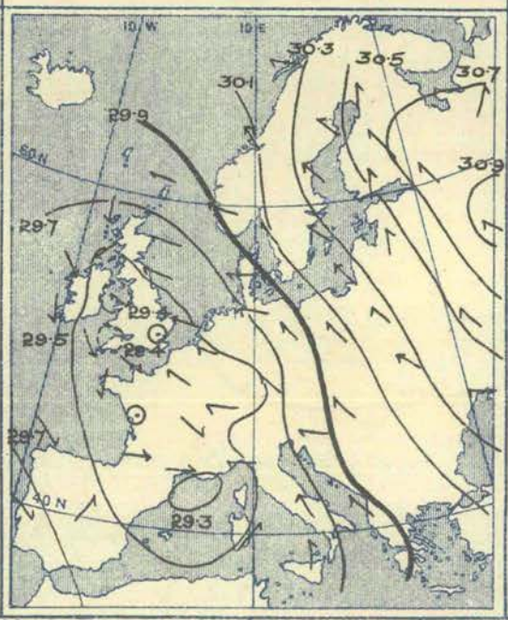
BAROMETER in morning ranging from above 30·7 ins. in the north-east of Russia to below 29·2 ins. in a deep depression that had formed suddenly over the south of England. Barometer relatively low over the western portion of the Mediterranean. Depression becoming rather less deep during day and minimum moving northwards. Another disturbance forming over the south of France, near Perpignan. Pressure increasing decidedly in Scotland and Norway.

Wednesday, 31st October, 1906.

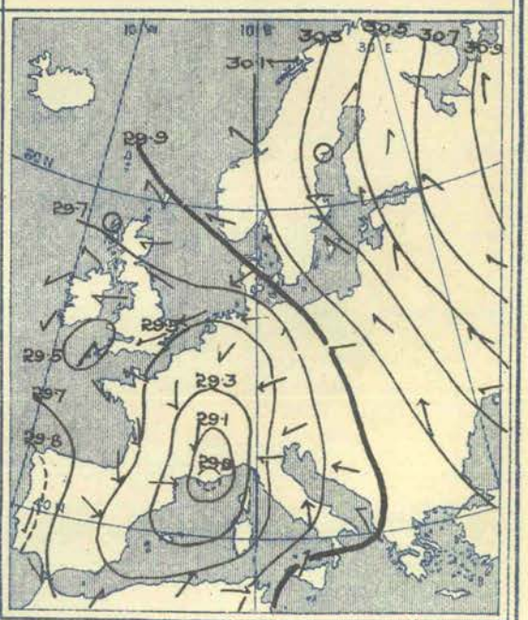
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. overcast in almost all parts of our area, with rain at many of our own stations, as well as in the south of France, the north of Italy, several Austrian localities, and at Kieff and Brindisi. Extremely heavy rain later over the south of France, Italy, Algeria, and a thunderstorm at Naples. Measurements more than an inch over a large area, more than two inches in many places, and 3·6 ins. at Cette. Slight falls occurring in most parts of the United Kingdom.

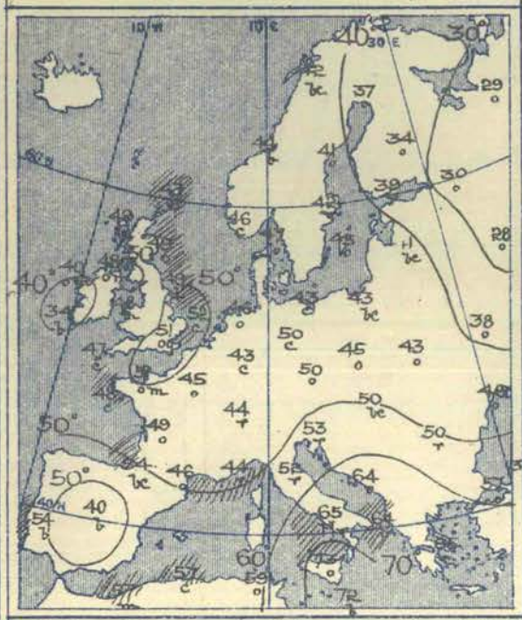
TEMPERATURE risen in Central and Northern Europe, and also over Ireland and the Northern half of Great Britain—very quickly in Scotland; fallen in most other regions. Readings in morning ranging from about 60° at several stations in the extreme south to below 50° as a whole, and to below the freezing point over Central Russia. Maxima during day above 50° over our Islands, and not much above 60° in most Mediterranean regions, but about 70° in Greece and 78° at Palermo and Malta.

WIND in morning showing an anticyclonic movement in the east and north-east of the Continent, and cyclonic breezes of varying strength over the western and south-western regions of our area. Some complete cyclonic circulations prevailing over our Islands and the south of France. Easterly current strong beyond the North Sea and very strong Northerly and North-Easterly winds reported in the north of Ireland, and fresh to strong winds at some stations on the shores of the Mediterranean. Increasing in force later over various parts of the Mediterranean and Southern Europe.

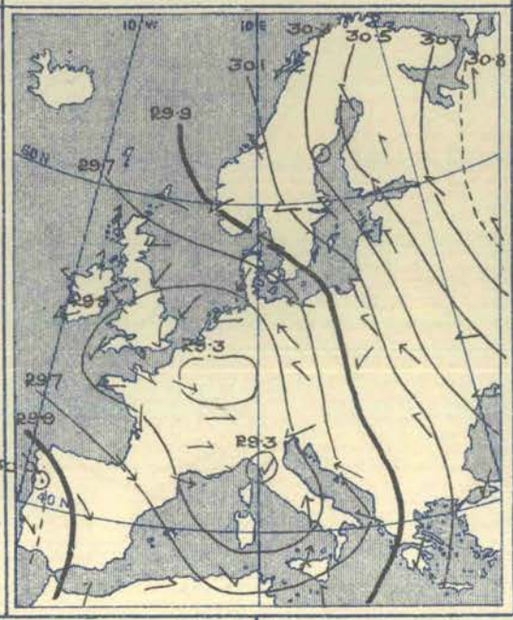
BAROMETER in morning above 30·9 ins. in a large anticyclone having its maximum over Central Russia, and below 29·5 ins. in a large area including most of these Islands, the whole of France, and the adjacent portion of the Mediterranean. Several minima with readings less than 29·4 ins. existing, the chief being over the north-east of Ireland and off the south of France. Depression in the south of France growing much more important during day; barometer at Cape Sicié falling to below 29·0 ins. and gradients becoming steep or rather so over a very large area.

Thursday, 1st November, 1906.

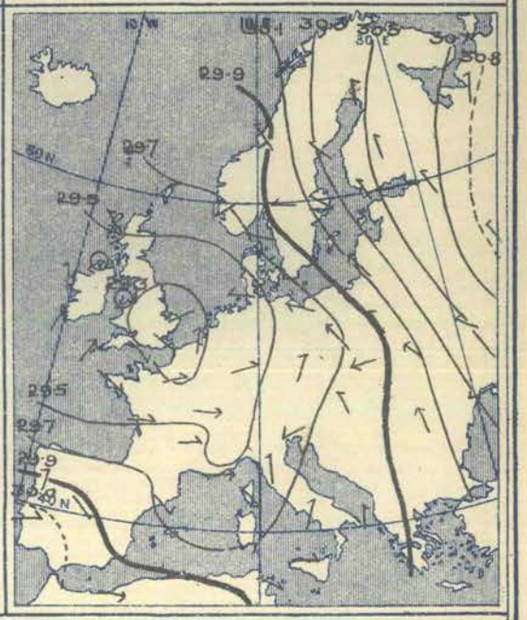
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. very unsettled generally, with much cloud over our area as a whole, and with rain in several parts of our Islands and over Southern Europe and the Mediterranean; a thunderstorm in progress at Naples. Rain falling nearly all day at some of our own northern and north-east stations and further heavy falls occurring in the South of France and its neighbourhood, as well as at Paris. Largest measurement 2·2 ins. at Biarritz.

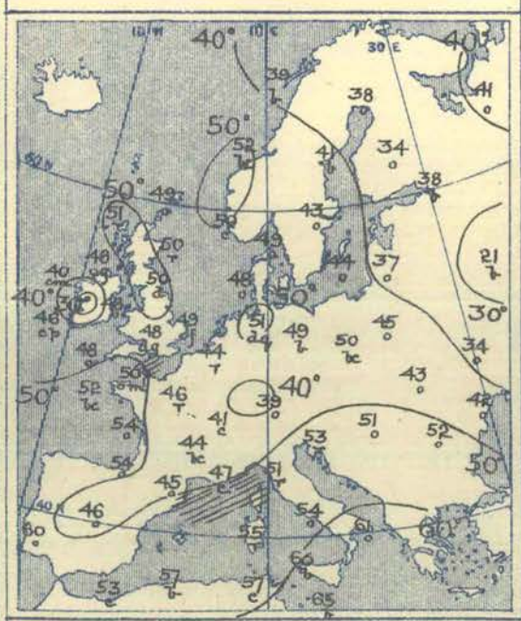
TEMPERATURE showing no decided change. Readings in morning above 70° in Sicily and Malta, but below 60° in the south as a whole, and less than 50° over most of the Continent. As low as 35° in Central Ireland, and below the freezing point over a considerable portion of Russia. Rising subsequently to 77° at Malta, 73° at Oran, and to above 60° at some stations in Central Europe. Maxima very low at some places in the South of France; thermometer only rising to 50° at Cape Béarn and to 46° at Cette.

WIND in morning showing a vast and complete cyclonic circulation over the south-eastern half of our area and Easterly to South-Easterly breezes in the north-east. North-Easterly current fresh or strong over Denmark, the Low Countries, and the south-east of England, and North-Westerly current strong in the south-west of France. A gale from South-West prevailing at Palermo and a very strong wind from South-South-East at Naples. Wind varying much later both in direction and force over the Mediterranean region. Backing to the Southward on the west coast of Ireland.

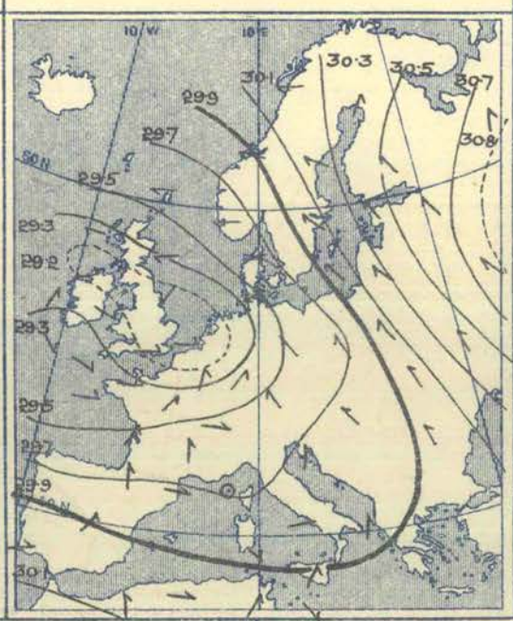
BAROMETER in morning ranging from above 30·8 ins. over the greater part of Russia to less than 29·4 ins. in a large low pressure system containing two minima; one over the north-east of France and the adjacent part of the Continent and the other over the Gulf of Genoa. Former minimum travelling north-westwards later and the latter undergoing considerable modification in form. A fresh depression appearing off the west of Ireland. Gradients less steep generally than in the morning.

Friday, 2nd November, 1906.

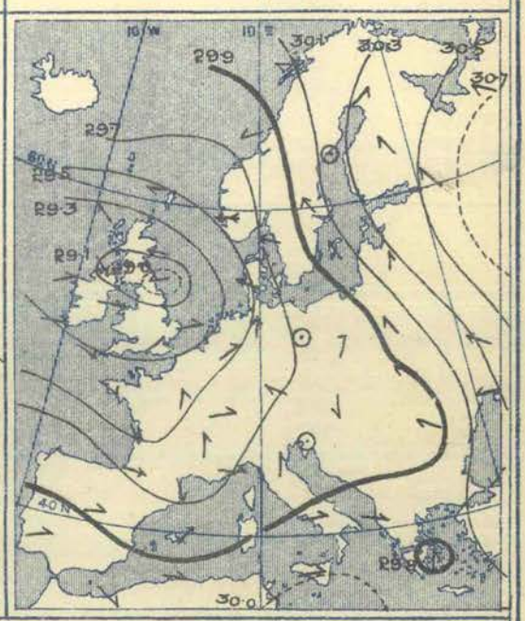
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. overcast and unsettled very generally, with rain in several localities. Fine in the north-west of Norway and in Algeria. Rain later at almost all our own stations; amounts large in places, as much as 1·1 in. at Dungeness. Further very heavy falls occurring over many parts of Southern Europe; more than an inch at a number of stations, and nearly 2·5 ins. at Bilbao.

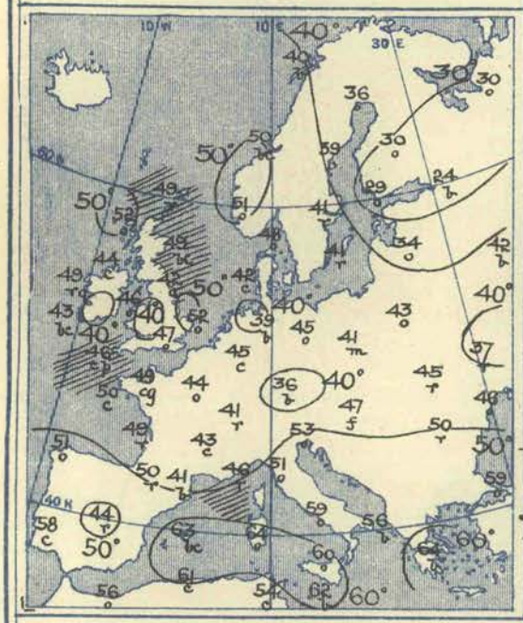
TEMPERATURE showing no decided change as a whole. Readings in morning between 40° and 50° generally, but increasing to 60° or rather higher in the far south, and decreasing to below 40° at most stations in the extreme north and east. Lowest reading 21° at Moscow, but no higher than 20° at Birr Castle. Maxima during day about 70° in Algeria, Greece, and Sicily, and above 60° in most Italian regions, but only 48° at Turin. Thermometer remaining below 55° over the greater portion of our Islands, and at some places in the central countries.

WIND in morning showing a rather irregular cyclonic movement around these Islands. Moderate to fresh generally, but strong in places and a North-Easterly gale prevailing on the coast of Jutland. Wind mainly Westerly and of little strength over the Mediterranean and South-Easterly over the east of our area. A South-Westerly gale springing up by evening at Palma, and Easterly wind increasing to a gale on the south-west of Norway.

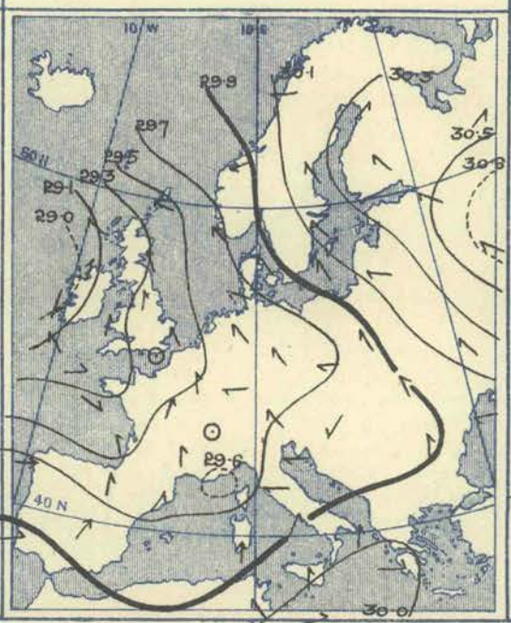
BAROMETER in morning above 30·6 ins. in an anticyclone over Russia, and below 29·2 ins. in an elongated depression of a complex character extending from beyond the north-west of Ireland to the coast of Holland; lowest readings reported 29·12 ins. at Spurn Head and Yarmouth. Depression increasing in depth during day, and barometer falling to below 29·0 ins. at North Shields by 6 p.m. Distribution of pressure becoming less complex over the United Kingdom, and gradients growing steeper to the northward of the baric minimum.

Saturday, 3rd November, 1906.

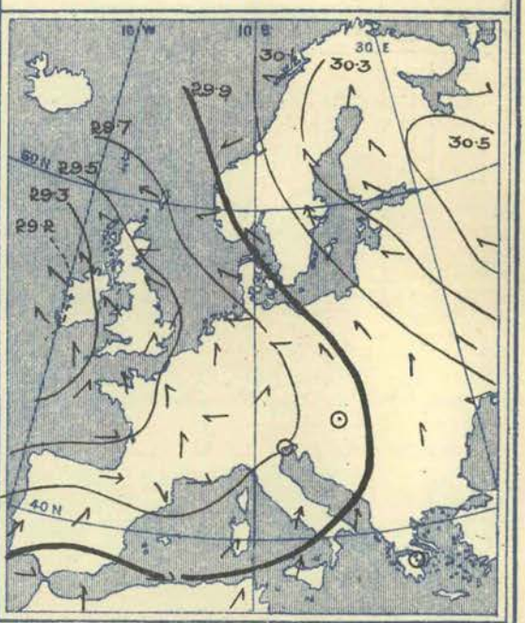
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fair or fine in various parts of Russia, Norway, and Southern Europe, as well as at some of our own stations; cloudy or overcast as a whole, with showers or steady rain in many places. Heavy rain later over the northern half of Italy—as much as 3·0 ins. at Rome—and smaller quantities over various other parts of the Continent and throughout the United Kingdom.

TEMPERATURE changed rather irregularly; fallen at most of our own stations. Readings in morning above 60° in some localities in the far south of our area, but below 45° generally, and below 40° over a considerable portion of Europe. Lowest value 24° at St. Petersburg. Maxima during day a few degrees above 50 over the greater portion of our area, but below 45° in the north and north east, and above 60° at most stations in the far south, and above 70° in places.

WIND in morning varying locally, but mainly Southerly to South-Easterly over these Islands and the western countries of the Continent. Of little force as a whole, but very strong breezes prevailing in the north of Scotland. Fresh or strong breezes, chiefly from South-West or South, reported from the Mediterranean region and light or moderate South-Easterly breezes from the east and north-east of our area. No general change later; some increase in force taking place over the Adriatic and Italy.

BAROMETER at 8 a.m. highest, above 30·6 ins. in an anticyclone over Russia, and lowest, 29·0 ins. and less, in a depression off the north-west of Ireland. Relatively low in other and smaller systems in the south-west of our area, the south-east of France, and over Germany. Barometer rising decidedly over the west and north of our Islands during day and falling briskly on the coast of Portugal. A very deep depression advancing to Brittany from the south-westward during the night.

VI.—TEMPERATURE on the Grass, and in the Ground.

	STATION.	Grass Min. No. of Obs. of 30° or less.	Grass Min. Lowest reading.	Mean Earth Temp. At 1 foot.	Mean Earth Temp. At 4 feet.
			°	°	°
2.	York	—	—	48·2	51·8
	Hull	1	28	46·1	51·9
3.	Cambridge	1	30	—	—
	Dunmow	1	28	—	—
4.	Harrogate				
	Sheffield	2	26	47·0	51·5
	Birmingham	2	26	46·6	51·5
	Nottingham	2	28	46·3	50·6
5.	Kew	1	28	48·0	53·9
	Canterbury	0	32	50·3	54·8
	Portsmouth	1	30	50·1	55·5
6.	Glasgow	2	26	—	—
7.	Newton Rigg	2	25	46·5	50·0
	Bettws-y-Coed	0	32	45·7	50·6
	Manchester (Oldham Road)	0	34	45·5	53·1
8.	Llangammarch Wells	4	18	47·7	52·4
	Bath	—	—	51·3	56·3
	Plymouth	2	29	49·3	—
9.	Armagh	2	23	47·7	51·6
	Markree	5	24	—	—
10.	Dublin, Trin. Coll.	3	27	46·4	51·4
11.	Guernsey, Brooklyn	0	32	51·2	56·5

VIII.—OBSERVATIONS IN THE UPPER AIR.—Temperature, Humidity and Wind Velocity.

Date of Observation.	Station and its Height above M.S.L.		Heights in feet above Mean Sea Level. Ground Level.	1,680.	3,320	5,000.	6,660.	8,320.	10,000.	Remarks
1906.										
October 29th, 11.40 a.m. to 12.30 p.m.	Oxshott, 200 ft.	Temperature F.	50°	54°	37°	[31°]				One 7 ft. 6 in. kite; 5,850 ft. wire. Max. height 4,300 ft. Change of wind direction with increase of strength at 1,600 ft. Wind backing during ascent. Clouds not reached.
		Humidity	80%	80%	80%	[80%]				
		Wind Velocity, m. per hr.	SW by W, 14	W by S, 35	SW, 40	[SW, 4]				
November 1st, 8.0 p.m. to 9.0 p.m.	Brighton, 350 ft.	Temperature F.	48°	[45°]						Greatest height 1,400 ft. Wind failed above. Hazy. Overcast.
		Humidity	100%	[100%]						
		Wind Velocity, m. per hr.	N by W	[50]						
November 1st, 4.50 p.m. to 5.35 p.m.	Glossop Moor, 1,100 ft.	Temperature F.	46°	42°						One 9 ft. kite. Overcast and misty. Light and variable breeze.
		Humidity	98%	85%						
		Wind Velocity, m. per hr.	NNE	NNE, 12						
November 2nd, 2.47 p.m. to 3.36 p.m.	Ditcham Park, Petersfield, 400 ft.	Temperature F.	53°	43°	35°					One 9 ft. kite; 4,610 ft. wire. Max. height 3,500 ft. Cirrus clouds; heavy cumulo-nimbus in South. Bright sunshine. Hygrometer out of order
		Humidity	85%	—	—					
		Wind Velocity, m. per hr.	W by S, 20	W by S, 21	W by S, 30					
November 3rd, 1.53 p.m. to 3.58 p.m.	Glossop Moor, 1,100 ft.	Temperature F.	44°	39°	34°					Two 9 ft. kites; 5,000 ft. wire. Light breeze or calm above 3,300 ft.
		Humidity	95%	95%	100%					
		Wind Velocity, m. per hr.	SE	SE, 30	S by E, 20					
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								

63, Victoria Street, London, S.W. *November 7th, 1906.*

W. N. SHAW, *Director.*

WEEKLY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE,

AND PUBLISHED FOR H.M. STATIONERY OFFICE BY WYMAN AND SONS, LTD., FETTER LANE, E.C., AND 32, ABINGDON STREET, WESTMINSTER, S.W.; OR OLIVER AND BOYD, EDINBURGH; OR E. PONSONBY, 116, GRAFTON STREET, DUBLIN.

SUPPLIED FOR THE PUBLIC SERVICE

TWENTY-NINTH YEAR. Vol. XXIII. (New Series.) } No. 45. FORTY-FIFTH WEEK, ENDING SATURDAY, NOVEMBER 10TH, 1906. [Price 6d. Annual Subscription post paid £1 10s. 0d.

I.—GENERAL REMARKS.

Weather was very rainy over all the eastern half of Great Britain until the week was drawing to a close, while rainy periods were not infrequent in most other districts except in the west of Scotland and the north-west of England. At some stations in the west of Scotland the weather was quite rainless throughout the period, while in the north-west of England and over Ireland the falls were very slight. Thunderstorms were experienced in some parts of Ireland and the east of England on Sunday and at Epsom on Wednesday.

Temperature was above the average throughout the eastern section, and also in England N.W. and the English Channel, but below it elsewhere. The greatest excess was 3·2° in England E., and the greatest deficit 1·5° in Ireland S. The highest of the maxima occurred on irregular dates, and ranged from 58° in England S. and the English Channel, to 54° in Scotland W. and over Ireland. The lowest of the minima, which were recorded on Saturday in the north, but earlier over the Kingdom generally, varied from 25° in Ireland N., to 31° over the north of England, 32° in Ireland S., and 43° in the English Channel.

Rainfall exceeded the normal over all the eastern section, as well as in England S.W., and the English Channel. In England South and East, the excess was very large and some of the individual falls heavy and prolonged. The largest measurements for 24 hours were 2·04 ins. at Arlington on the 8th., and 1·50 in. at Jersey on the 4th. Falls of about an inch were common over the southern, eastern, and central counties of England on Thursday—Friday.

Bright Sunshine was deficient in all districts except England N., Ireland N., and England S.W. The percentage of the possible duration ranging from 13 in England N.E. to 30 in Ireland N.

Barometer and Wind.—The barometer was continuously higher to the north-eastward and northward of our Islands and lowest either over the south of this country or in France. The general current of wind was consequently Easterly or North-Easterly, and as some of the depressions which developed or arrived over our southern and south-eastern districts from the southward were of considerable depth, the force of the wind was generally fresh to strong on all exposed coasts and sometimes approached the force of a gale. By the end of the period a change had occurred, the departure of the various cyclonic disturbances in a southerly direction being followed by the advance over these Islands of a large anticyclone from the North.

SUMMARY OF TEMPERATURE, RAINFALL, AND DURATION OF BRIGHT SUNSHINE IN THE UNITED KINGDOM, FOR AGRICULTURAL AND SANITARY PURPOSES.

THE WEEK (45th)—November 4th to November 10th, 1906.

DISTRICTS. (See p. 266.)	Temperature. Highest.	Lowest.	Means of: Daily Max.	Daily Min.	Daily Mean.	Difference from Av. (35 Yrs.)	Accumulated Number of Day-Degrees. Above 42°	Difference from Av. (25 Yrs.)	Below 42°	Difference from Av. (25 Yrs.)	Rainfall. Number of Rain-Days.	Diff. from Av. (35 Yrs.)	Total Fall.	Difference from Average (35 Yrs.)	Sunshine. Hours recorded.	Diff. from Av. (25 Yrs.)	Percentage of Possible Duration	Diff. from Av. (25 Yrs.)
	°	°	°	°	°	°	Day-deg.	Day-deg.	Day-deg	Day-deg.			Inches.	Inches.			%	%
0. SCOTLAND, NORTH ..	57	28	48·3	39·7	44·0	+ 1·7	24	+ 2	6	− 8	5	0	0·54	− 0·71	12	+ 1	21	+ 2
Eastern 1. SCOTLAND, EAST ..	55	29	47·8	39·2	43·5	+ 1·6	22	− 1	8	− 10	5	+ 1	1·08	+ 0·34	9	− 7	15	− 12
Eastern 2. ENGLAND, N.E. ..	55	31	49·9	41·3	45·6	+ 2·0	28	0	2	− 8	6	+ 2	0·97	+ 0·37	8	− 7	13	− 11
Eastern 3. ENGLAND, EAST ..	57	23	52·0	43·5	47·8	+ 3·2	41	+ 9	0	− 12	5	+ 1	2·18	+ 1·60	16	− 1	25	− 2
Eastern 4. MIDLAND COUNTIES	55	30	49·5	39·1	44·3	+ 0·5	28	− 3	8	− 6	5	+ 1	1·56	+ 0·97	10	− 3	17	− 4
Eastern 5. ENGLAND, SOUTH ..	58	30	51·4	43·5	47·5	+ 2·0	39	− 2	0	− 8	6	+ 2	2·30	+ 1·57	12	− 4	19	− 7
Western 6. SCOTLAND, WEST ..	54	30	48·6	38·6	43·7	− 0·2	26	− 3	10	0	2	− 2	0·20	− 0·96	12	− 1	19	− 2
Western 7. ENGLAND, N.W. ..	55	31	49·8	39·9	44·9	+ 0·1	29	− 5	6	− 1	3	− 1	0·24	− 0·60	14	− 1	23	− 2
Western 8. ENGLAND, S.W. ..	56	30	50·1	41·0	45·6	− 0·3	29	− 14	3	− 3	4	0	1·36	+ 0·39	17	0	26	0
Western 9. IRELAND, NORTH ..	54	25	49·0	39·0	44·0	− 0·7	27	− 5	8	− 1	4	− 1	0·19	− 0·67	19	+ 4	30	+ 6
Western 10. IRELAND, SOUTH ..	54	32	49·4	39·9	44·7	− 1·5	28	− 13	6	− 1	4	0	0·39	− 0·57	9	− 7	15	− 11
11. ENGLISH CHANNEL	58	43	53·6	46·6	50·1	+ 0·2	57	− 5	0	− 1	5	0	2·19	+ 1·21	10	− 9	16	− 13

THE SEASON (**Autumn**).—Aggregates, &c., for the Period of 10 Weeks, September 2nd to November 10th, 1906.

0. SCOTLAND NORTH ..	89	21	*	*	*	*	569	+105	33	− 22	46	− 2	9·11	− 2·58	245	+ 50	32	+ 7
Eastern 1. SCOTLAND, EAST ..	87	23	*	*	*	*	600	+113	46	− 24	41	0	9·36	+ 2·39	266	+ 45	35	+ 6
Eastern 2. ENGLAND, N.E. ..	94	30	*	*	*	*	746	+168	8	− 27	39	+ 3	7·33	+ 1·48	275	+ 10	36	+ 1
Eastern 3. ENGLAND, EAST ..	93	28	*	*	*	*	902	+231	0	− 46	34	− 1	7·33	+ 1·71	324	+ 49	42	+ 6
Eastern 4. MIDLAND COUNTIES	96	29	*	*	*	*	769	+152	31	− 26	39	+ 4	7·27	+ 1·23	256	+ 26	33	+ 3
Eastern 5. ENGLAND, SOUTH ..	92	30	*	*	*	*	892	+146	0	− 31	37	+ 2	8·73	+ 1·92	316	+ 38	41	+ 5
Western 6. SCOTLAND, WEST ..	89	28	*	*	*	*	649	+ 74	24	− 16	37	− 4	8·40	− 2·57	261	+ 41	34	+ 5
Western 7. ENGLAND, N.W. ..	90	27	*	*	*	*	715	+ 77	16	− 7	40	0	7·71	− 0·66	274	+ 42	35	+ 5
Western 8. ENGLAND, S.W. ..	88	23	*	*	*	*	789	+ 59	13	− 9	38	− 2	8·91	− 0·20	325†	+ 56	42	+ 7
Western 9. IRELAND, NORTH ..	78	24	*	*	*	*	655	+ 60	31	− 4	46	0	6·83	− 1·36	272	+ 55	35	+ 7
Western 10. IRELAND, SOUTH ..	79	24	*	*	*	*	744	+ 62	29	+ 4	43	+ 2	7·42	− 1·09	294	+ 38	38	+ 5
11. ENGLISH CHANNEL	82	36	*	*	*	*	1051	+103	0	− 1	38	− 5	7·52	− 1·09	356	+ 42	46	+ 5

THE YEAR.—Aggregates, &c., for the period of 45 Weeks, December 31st, 1905, to November 10th, 1906.

0. SCOTLAND, NORTH..	89	8	*	*	*	*	1993	+ 34	679	+ 65	219	+22	43·90	+2·39	1149	+ 58	28	+ 1
Eastern 1. SCOTLAND, EAST ..	88	11	*	*	*	*	2335	+ 94	670	− 4	182	+14	30·63	+3·88	1378	+122	34	+ 3
Eastern 2. ENGLAND, N.E. ..	94	18	*	*	*	*	2896	+401	472	− 49	162	+11	21·67	− 0·08	1524	+115	38	+ 3
Eastern 3. ENGLAND, EAST ..	93	23	*	*	*	*	3206	+366	413	−165	139	− 8	21·03	+ 0·22	1733	+256	43	+ 6
Eastern 4. MIDLAND COUNTIES	96	18	*	*	*	*	3093	+274	517	− 82	155	+ 5	22·00	− 1·60	1481	+192	37	+ 5
Eastern 5. ENGLAND, SOUTH	92	20	*	*	*	*	3290	+147	351	− 70	149	+ 2	24·30	+ 0·73	1775	+256	44	+ 6
Western 6. SCOTLAND, WEST ..	89	14	*	*	*	*	2548	+122	443	− 18	183	+ 8	39·59	− 0·99	1389	+ 98	34	+ 2
Western 7. ENGLAND, N.W. ..	90	16	*	*	*	*	2805	+112	395	− 20	176	+13	31·19	+ 1·05	1449	+151	36	+ 4
Western 8. ENGLAND, S.W. ..	88	19	*	*	*	*	3065	+ 72	340	+ 22	172	+11	34·85	+ 2·33	1626†	+170	41	+ 4
Western 9. IRELAND, NORTH..	84	20	*	*	*	*	2552	− 22	386	− 3	218	+21	31·95	+ 0·58	1302	+101	32	+ 3
Western 10. IRELAND, SOUTH..	81	24	*	*	*	*	3069	+118	293	+ 4	201	+25	31·13	− 3·21	1429	+ 45	36	+ 1
11. ENGLISH CHANNEL	89	27	*	*	*	*	3618	+ 89	79	− 36	166	− 3	24·22	− 3·95	1854	+ 85	46	+ 2

† Corresponding value for last week slightly altered owing to correction.

Bright Sunshine.—For certain of the Districts the values of Bright Sunshine in this Table are based on the records from a part only of the Stations included in Table II. For certain of the Stations Mean Values are not available, and for the Districts containing these Stations the "Difference from Average" is based on the records from a smaller number of Stations than those supplying the values for "Hours Recorded."

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II.—DATA from which the SUMMARY on page 265 has been calculated.

November 4-10, 1906.

Districts	Names of Stations	Temperature. In Degrees Fahrenheit. Highest observed.	Lowest observed.	Averages for the Week. Of Highest each day.	Of Lowest each day.	For whole of each day.	Difference of Daily Average from Mean for the Week.	Accumulated Heat for the Week (in Day-degrees). Above 42°	Below 42°	Rainfall. Number of Rain-Days.	Rainfall in the Week.	Difference from the Mean for the Week.	Bright Sunshine. Number of Hours recorded.	Difference from the Mean for the Week.	Percentage of possible duration.	Difference from the Mean for the Week.
		°	°	°	°	°	°	Day-deg	Day-deg		Inches.	Inches.	Hrs.	Hrs.	%	%
0. SCOTLAND, N.	†Sumburgh Head (Deerness)	52	34	47·9	41·0	44·5	+ 1·5	22	3	4	0·17	− 0·77	9·7	− 2·6	17	− 5
	Wick	54	28	48·6	38·9	43·8	+ 1·1	26	9	4	0·52	− 0·15	*	*	*	*
	†Lairg (Strathpeffer) Ⓢ	57	29	49·5	36·4	43·0	+ 2·9	31	16	6	1·55	+ 0·67	12·7	− 0·7	22	− 1
	Stornoway	53	30	48·4	41·1	44·8	+ 2·0	23	3	7	0·34	− 0·92	14·1	+ 2·3	24	+ 4
	Glencarron Ⓢ	50	28	46·6	38·3	42·5	+ 1·1	19	10	7	0·67	− 1·44	*	*	*	*
	Fort Augustus Ⓢ	51	32	48·3	42·1	45·2	+ 2·4	22	0	4	0·45	− 0·53	12·2	+ 4·4	21	+ 8
	Fort William Ⓢ	53	31	48·5	40·1	44·3	+ 0·8	24	5	2	0·08	− 1·80	*	*	*	*
1. SCOTLAND, E.	Nairn	50	36	47·1	40·9	44·0	+ 2·0	19	3	5	0·95	+ 0·41	10·6	—	18	—
	Aberdeen	51	37	47·7	41·7	44·7	+ 1·9	20	1	5	1·07	+ 0·33	6·6	− 8·7	11	− 15
	†Balmoral (Crathes) Ⓢ	48	31	45·7	37·9	41·8	+ 2·7	10	17	5	1·32	+ 0·43	7·6	—	13	—
	†Clathick (Balruddery) Ⓢ	55	29	50·6	37·3	44·0	+ 2·0	34	13	3	0·81	− 0·17	14·6	—	25	—
	†Leith (Edinburgh) Ⓢ	51	35	47·9	40·7	44·3	+ 0·3	22	4	4	1·06	+ 0·55	6·0	− 6·4	10	− 11
	Marchmont Ⓢ	52	32	47·9	36·7	42·3	+ 0·9	24	15	5	1·27	+ 0·47	6·8	− 6·7	11	− 11
2. ENGLAND, N.E. — Northern part.	†Alnwick Castle (Cockle Park)	52	34	48·7	39·7	44·2	+ 0·9	25	6	5	1·03	+ 0·21	9·1	—	15	—
	†Shields (Newcastle)	51	37	49·3	41·3	45·3	+ 1·3	26	2	5	0·45	− 0·12	1·1	− 8·4	2	− 14
	Durham	52	35	48·5	40·3	44·4	+ 1·9	24	5	7	1·06	+ 0·34	8·5	− 6·0	14	− 10
	Scarborough Ⓜ	55	38	51·1	43·9	47·5	+ 3·1	39	0	5	0·75	+ 0·08	6·6	—	11	—
	York	55	34	50·5	38·7	44·6	+ 1·1	32	9	7	0·78	+ 0·21	5·4	− 7·4	9	− 12
2. ENGLAND, N.E. — Southern part.	†Spurn Head (Saltburn)	55	42	50·9	45·6	48·3	+ 3·1	44	0	6	0·78	+ 0·29	3·9	—	6	—
	†Lincoln (Skegness)	54	31	50·4	40·5	45·5	+ 2·2	31	4	5	1·20	+ 0·72	13·6	—	22	—
	†Fulbeck (Rauceby)	54	35	49·7	40·4	45·1	+ 2·1	28	4	5	1·69	+ 1·20	11·1	—	18	—
	(Cromer)												9·3	—	15	—
3. ENGLAND, E. — Northern part.	Hillington Ⓜ	54	30	50·8	41·7	46·3	+ 2·8	31	1	6	2·24	+ 1·61	10·9	− 3·9	17	− 6
	†Yarmouth (Lowestoft)	54	41	52·0	46·1	49·1	+ 4·5	50	0	5	2·05	+ 1·41	21·7	—	34	—
	Geldeston	57	28	53·1	43·4	48·3	+ 3·9	44	0	6	2·53	+ 1·95	14·3	− 2·7	23	− 4
	(Dunmow)												15·6	—	25	—
3. ENGLAND, E. — Southern part.	Cambridge	55	32	52·2	42·3	47·3	+ 3·6	37	0	5	2·26	+ 1·76	14·4	− 1·3	23	− 2
	Felixstowe	54	38	52·7	44·0	48·4	+ 2·9	45	0	5	1·90	—	20·2	—	32	—
	Clacton-on-Sea	54	43	52·4	46·3	49·4	+ 3·6	52	0	5	1·68	—	20·8	—	33	—
	Rothamsted	53	31	50·3	39·8	45·1	+ 1·8	31	6	5	2·69	+ 2·05	16·7	+ 0·1	27	0
	†Shoeburyness (Southend)	55	36	52·6	43·7	48·2	+ 2·4	43	0	6	1·95	+ 1·45	22·0	—	34	—
	London, Westminster	54	36	52·3	44·3	48·3	+ 3·6	44	0	5	2·31	+ 1·75	10·7	+ 2·8	17	+ 4
4. MIDLAND COUNTIES. — Eastern part.	Harrogate															
	†Bawtry (Worksop)	54	30	49·7	38·7	44·2	+ 1·0	29	9	5	1·07	+ 0·65	6·4	− 6·4	10	− 10
	Nottingham	54	31	50·3	40·3	45·3	+ 1·9	30	5	5	1·64	+ 1·17	7·2	—	11	—
	†Colly Weston (Oundle)	54	30	49·9	39·6	44·8	+ 1·2	30	7	7	2·13	+ 1·57	10·3	—	16	—
	Birmingham, Edgbaston	53	34	49·0	40·3	44·7	+ 1·1	26	5	4	1·63	+ 1·05	6·6	—	10	—
	Oxford	54	31	50·4	38·9	44·7	+ 0·4	32	9	5	2·35	+ 1·79	13·9	− 2·0	22	− 3
4. MIDLAND COUNTIES. — Western part.	†Cheadle (Sheffield) Ⓜ	52	32	48·3	39·1	43·7	+ 1·0	24	8	4	0·47	− 0·23	6·7	—	11	—
	Shrewsbury	54	30	49·6	36·4	43·0	− 2·5	31	16	5	1·13	—	*	*	*	*
	Hereford Ⓜ	54	31	48·4	38·9	43·7	− 0·4	25	9	4	1·40	+ 0·79	*	*	*	*
	Cirencester	52	31	49·0	39·0	44·0	+ 1·2	27	8	5	1·96	+ 1·28	15·4	− 0·1	24	0
	Bath	55	32	50·6	39·9	45·3	0·0	32	6	5	1·84	+ 1·15	17·0	—	27	—
	(Margate)												12·5	− 4·0	20	− 6
5. ENGLAND, S.	Kew	54	37	51·8	42·8	47·3	+ 2·8	37	0	5	2·09	+ 1·54	12·0	− 2·0	19	− 3
	Wisley, Surrey	54	30	50·9	41·3	46·1	+ 1·1	32	2	5	2·25	—	12·3	—	19	—
	†Swarraton (Ventnor) Ⓜ	54	32	49·7	38·9	44·3	+ 1·0	29	9	6	2·63	+ 1·85	13·5	− 5·2	21	− 8
	Tunbridge Wells Ⓜ	52	40	49·9	43·2	46·6	+ 2·6	32	0	7	3·20	+ 2·43	11·5	− 6·3	18	− 10
	†Dungeness (Littlestone)	54	42	53·1	47·1	50·1	+ 3·6	57	0	7	2·00	+ 1·35	8·6	—	13	—
	Hastings	54	43	51·8	46·2	49·0	+ 2·4	49	0	7	2·70	+ 1·92	9·5	− 10·1	15	− 16
	Southampton	58	37	51·7	42·0	46·9	+ 0·7	34	0	6	2·21	+ 1·35	12·9	− 4·4	20	− 7
	†Portland Bill (Worthing)	56	44	52·6	46·4	49·5	+ 1·8	53	0	4	1·35	—	15·7	—	25	—
	(Eastbourne)												8·5	− 7·8	13	− 12
6. SCOTLAND, W	†Laudale (Oban)	52	30	49·3	38·2	43·8	− 0·5	29	11	2	0·08	− 1·68	35·9	—	61	—
	Glasgow Ⓢ	50	35	47·6	39·0	43·3	+ 0·3	22	8	2	0·48	− 0·36	10·2	+ 0·9	17	+ 2
	Dumfries Ⓢ	52	33	49·4	38·5	44·0	+ 0·6	29	10	1	0·05	− 0·88	*	*	*	*
	Cally Ⓢ	47	30	45·7	35·1	40·4	− 2·8	10	27	0	0·00	− 1·18	*	*	*	*
	Douglas, Isle of Man	54	34	51·2	42·4	46·8	+ 1·3	34	0	3	0·41	− 0·71	13·0	− 3·1	21	− 5
7. ENGLAND, N.W.	Aspatria	53	35	49·5	39·1	44·3	+ 1·3	28	8	1	0·04	− 0·90	17·0	—	28	—
	Newton Rigg	54	33	47·7	37·3	45·5	+ 0·6	23	13	3	0·15	− 0·71	11·3	− 2·2	19	− 4
	Stonyhurst	51	33	48·9	39·5	44·2	+ 0·8	26	7	1	0·16	− 0·89	10·4	− 2·9	17	− 5
	Blackpool Ⓜ	52	35	50·3	39·0	44·7	+ 0·1	32	8	1	0·09	− 0·74	13·6	− 0·1	22	0
	Manchester, Prestwich	53	31	49·1	39·4	44·3	+ 0·7	27	7	2	0·24	− 0·56	8·2	− 0·8	13	− 1
	†Liverpool Obs. (Hoylake)	51	37	49·3	40·3	44·8	− 0·3	27	5	4	0·21	− 0·46	15·4	—	25	—
	†Hawarden Bridge (Southport)	54	33	50·6	39·1	44·9	− 0·7	32	8	4	0·33	− 0·31	16·9	—	27	—
NORTH WALES	Llandudno Ⓜ	55	37	51·5	43·6	47·6	+ 0·8	39	0	4	0·21	− 0·59	15·6	+ 1·3	25	+ 2
	†Holyhead (Aberdovey)	54	41	51·1	43·3	47·2	− 0·2	36	0	4	0·25	− 0·71	21·2	—	34	—
	Bettws-y-Coed	53	33	49·9	38·6	44·3	− 2·4	30	10	5	0·69	—	12·9	—	21	—
8. SOUTH WALES	Llangammarch Wells	51	31	47·5	36·9	42·2	− 3·3	23	14	3	1·19	—	11·2	—	18	—
	Pembroke	54	40	51·1	43·6	47·4	− 0·6	38	0	3	0·35	− 0·57	23·2	+ 6·5	37	+ 10
	†Cardiff (Aberystwyth)	55	30	50·8	39·8	45·3	− 0·4	32	6	3	0·63	− 0·35	21·0	—	33	—
8. ENGLAND, S.W.	†Clifton (Torquay)	53	36	49·6	40·9	45·3	− 0·1	28	3	5	1·30	+ 0·52	13·0	− 4·5	20	− 7
	†Shaftesbury (Marlborough) Ⓜ	54	38	48·2	41·0	44·6	+ 0·6	22	3	5	2·19	+ 1·36	13·2	− 0·8	21	− 1
	†Arlington (Newquay)	54	34	50·3	40·7	45·5	+ 0·8	30	4	4	3·54	+ 2·16	18·2	− 1·3	28	− 2
	Cullompton Ⓜ	56	31	50·7	38·4	44·6	+ 0·1	33	10	3	1·57	+ 0·72	13·9	− 1·1	22	− 2
	Plymouth	56	38	51·8	43·0	47·4	+ 0·1	38	0	6	0·55	− 0·31	18·4	+ 0·8	28	+ 1
	Falmouth	54	42	51·3	45·1	48·2	− 0·2	43	0	3	0·95	− 0·24	12·3	− 7·0	19	− 11
9. IRELAND, N. — Western part.	Malin Head	53	39	49·6	42·9	46·3	+ 0·7	30	0	3	0·26	− 0·48	*	*	*	*
	Edenfel	51	30	46·9	35·4	41·2	− 1·5	14	27	3	0·11	− 0·74	*	*	*	*
	Blacksod Point	51	35	49·4	40·1	44·8	− 2·1	28	5	5	0·19	− 1·02	*	*	*	*
	Markree Castle	53	25	49·7	34·9	42·3	− 1·8	32	20	3	0·14	− 0·82	24·6	+ 10·0	40	+ 16
9. IRELAND, N. — Eastern part.	Armagh	54	35	48·0	37·8	42·9	− 0·9	24	12	4	0·13	− 0·53	12·8	− 2·5	21	− 4
	Donaghadee	? 50	34	50·3	42·7	46·5	+ 1·2	32	0	4	0·29	− 0·43	*	*	*	*
10. IRELAND, S. — Eastern part.	†Dublin, City (Phœnix Park)	52	36	50·7	41·6	46·2	0·0	31	1	4	0·61	− 0·01	5·2	− 13·3	8	− 21
	Kilkenny	52	34	48·6	38·9	43·8	− 0·9	26	9	3	0·24	− 0·46	*	*	*	*
	Waterford	53	37	50·4	39·1	44·8	− 1·0	32	8	4	0·49	− 0·41	*	*	*	*
10. IRELAND, S. — Western part.	Birr Castle	51	33	48·4	36·7	42·6	− 1·6	26	15	4	0·14	− 0·58	9·4	− 7·1	15	− 11
	Foynes	50	32	47·2	39·8	43·5	− 2·3	20	6	4	0·07	− 0·87	*	*	*	*
	Killarney	54	35	48·6	39·3	44·0	− 2·7	25	8	5	0·26	− 1·09	*	*	*	*
	Valencia	53	38	51·0	41·7	46·4	− 1·9	32	1	3	0·07	− 1·28	17·3	0·0	28	0
	†Roches Point (Ballinacurra)	54	39	50·6	41·7	46·2	− 1·5	31	1	4	1·22	+ 0·17	5·6	—	9	—
11 ENGLISH CHANNEL	Scilly, St. Mary's	57	44	54·1	46·7	50·4	− 0·1	59	0	4	0·74	− 0·12	14·8	− 5·1	23	− 8
	†Jersey, St. Aubins (St. Heliers)	58	45	53·9	46·4	50·2	+ 0·8	57	0	6	3·50	+ 2·54	10·0	− 10·4	15	− 16
	Guernsey	56	43	52·8	46·7	49·8	− 0·1	55	0	6	2·32	+ 1·22	6·3	− 10·8	10	− 17

Information for Stations marked Ⓜ is supplied by the Royal Meteorological Society, and that for Stations marked Ⓢ is supplied by the Scottish Meteorological Society.

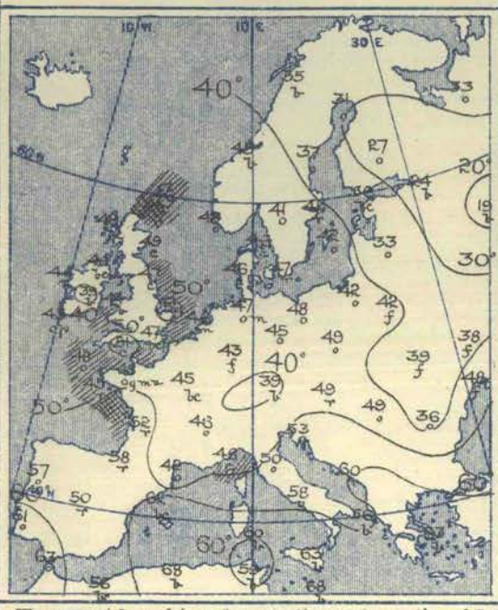
* An Asterisk is inserted in all places for which the information is not usually given.

† There is no Sunshine Recorder in use at this Station. The figures entered for Sunshine are those recorded at a Station in the same district of which the name is given in brackets.

Additional Sunshine Totals for the week: Ramsgate, 18·1 hrs., 28 %; Brighton, 15·8 hrs. (− 3·4), 25 % (− 5 %); Bournemouth, 15·4 hrs., 24 %; Bognor, 16·0 hrs., 25 %; Rhyl, 16·2 hrs., 26 %; Tenby, 21·1 hrs. (+ 3·6), 34 % (+ 6 %).

Sunday, 4th November, 1906.

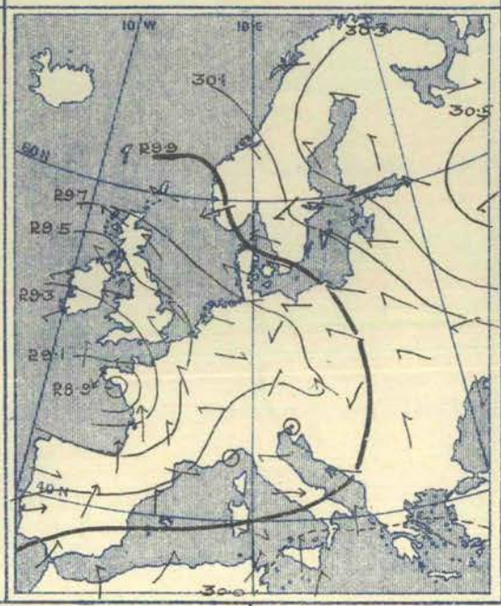
Temperature and Weather. 8 a.m.

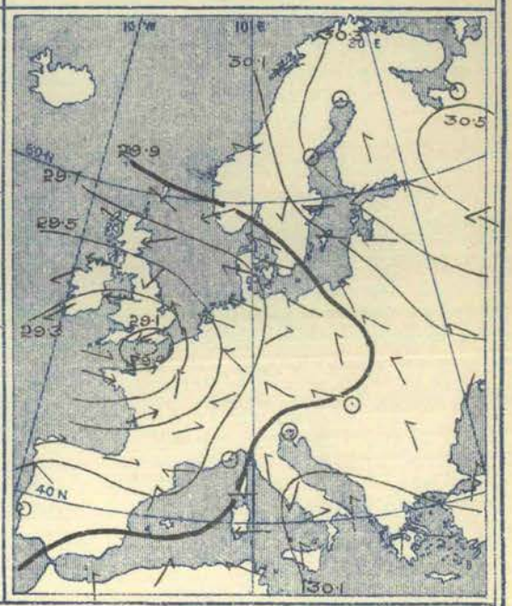


WEATHER at 8 a.m. fair or fine over the greater portion of Russia and north-eastern Europe and in various parts of Ireland and Scotland, and bright in Algeria. Overcast in most other regions, with rain or passing showers at many of our own stations, as well as throughout the western half of France and in various localities over Southern Europe. Fog prevailing over the central countries. Heavy rain falling during day over the western half of Europe; more than an inch in many places, 1·5 in. at Jersey and Brest, 1·8 in. at Nice, and 2·0 ins. at Lisbon.

TEMPERATURE fallen over the east and north of our area, risen in most other regions. Readings in morning as low as 19° at Moscow and less than 32° over Russia and Finland generally; between 40° and 50° over Europe as a whole, and above 60° at a few stations in the extreme south. Highest readings 68° at Malta and Algiers. Rising subsequently to above 70° at some of the most southern stations, and to 79° at Algiers. Maxima only slightly above 50° over our area as a whole and below that value in various parts of Germany and Northern Europe.

Barometer and Wind. 8 a.m. and 6 p.m.



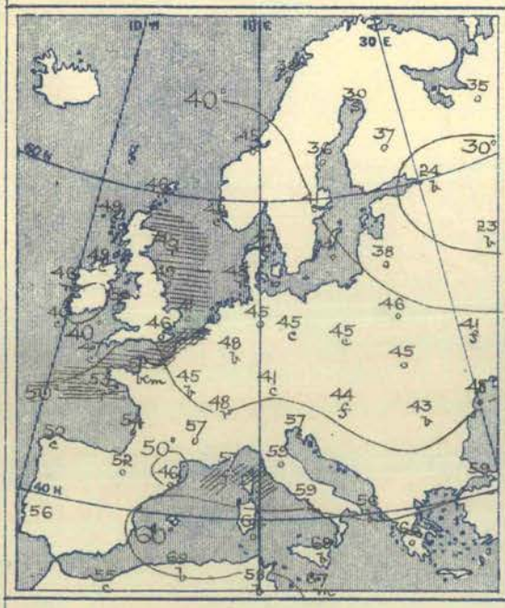


WIND in morning showing a strong cyclonic circulation over Brittany and its vicinity; South-Westerly current blowing a very strong gale at Lorient. Moderate or fresh South-Easterly breezes prevailing over our Islands and the northern countries of the Continent and rather variable winds of moderate force in the Mediterranean region. Wind increasing in strength very generally over these Islands during day and attaining the force of a gale on the south-east coasts.

BAROMETER in morning ranging from above 30·5 ins. in an anticyclone centred over Russia to below 28·9 ins. in a deep depression having its minimum near Lorient. Disturbance travelling north-eastwards to the English Channel by evening and at the same time decreasing somewhat in depth. A secondary depression appearing over the South of France. Russian anticyclone maintaining its position and barometer rising rather decidedly over Italy and Greece.

Monday, 5th November, 1906.

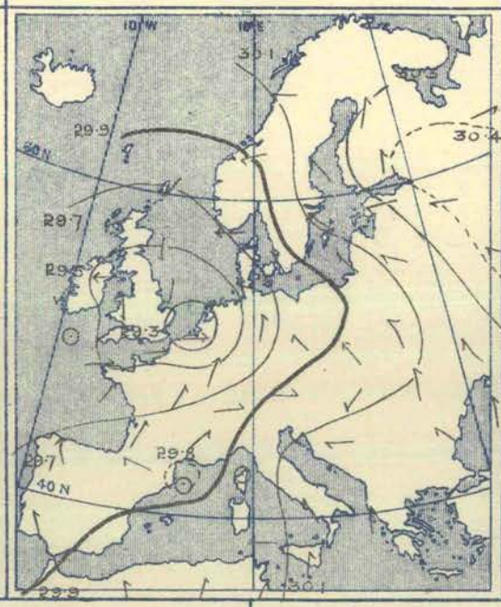
Temperature and Weather. 8 a.m.

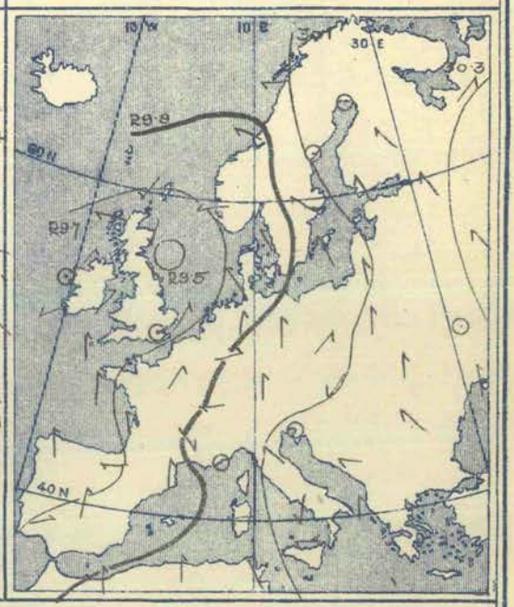


WEATHER at 8 a.m. very unsettled over these Islands and their immediate neighbourhood, with rain in many places. Very fine in Algeria; cloudy or overcast over our area generally, with snow at Haparanda and fog in some parts of Central Europe and on the south coast of France. Rain experienced later over the greater part of the United Kingdom, France, and north-western Europe; amounts moderate generally, but about 0·5 in. in the west of France and also at Nairn and Faerder.

TEMPERATURE risen quickly over the North of Italy and the adjacent portion of France, changed little and rather irregularly elsewhere. Readings in morning mostly below 45°, but increasing to above 60° in the south, and to 69° at Algiers and Malta, decreasing to below the freezing point over the north-east of our area. Lowest reading 28° at Moscow. Maxima during day as high as 82° at Tunis and between 70° and 80° in the far south generally. Thermometer remaining below 55° in most parts of the United Kingdom and in many localities of Central Europe, and not rising beyond 32° at St. Petersburg.

Barometer and Wind. 8 a.m. and 6 p.m.



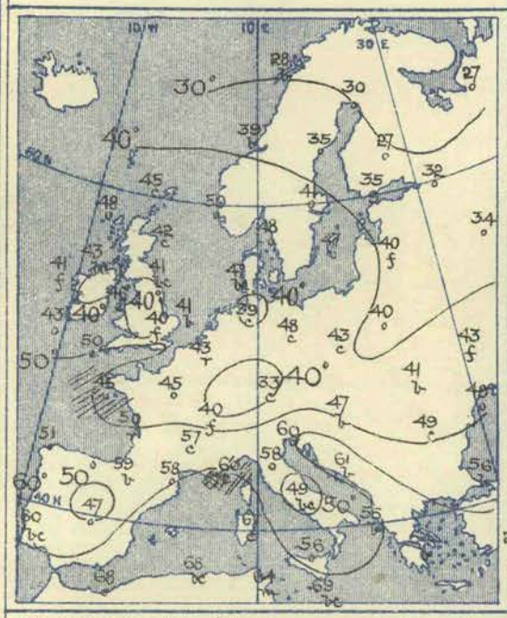


WIND at 8 a.m. showing a very extensive cyclonic circulation around our Islands; fresh or strong as a whole in the immediate vicinity of this country. Light to fresh breezes between South and East prevailing over the Mediterranean region, and light anticyclonic airs over Russia. A considerable decrease in force taking place by evening over our south-eastern counties and the neighbouring parts of the Continent.

BAROMETER in morning above 30·4 ins. over a large part of Russia; below 29·8 ins. in a small minimum near Perpignan, and about 29·2 ins. in a more important system having its centre off the north-east coast of England. Some secondary disturbances existing over the west of our Islands. Russian anticyclone either moving eastwards or decreasing in intensity during day. Main depression travelling further to the northward and becoming considerably less deep. A fresh fall of the barometer taking place over the north of Spain and the south-west of France.

Tuesday, 6th November, 1906.

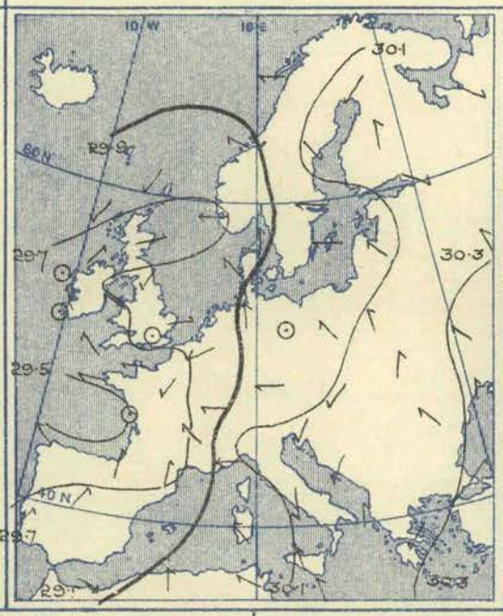
Temperature and Weather. 8 a.m.

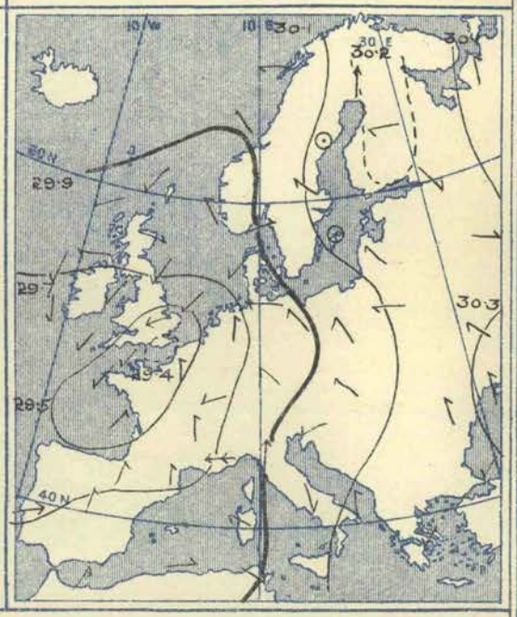


WEATHER at 8 a.m. fine and bright over a considerable portion of the Mediterranean region, as well as in the north-west of Norway and at a few stations elsewhere. Fair, but foggy, over the greater part of England. Sky overcast in most other districts, with rain in isolated localities. Heavy rain later in many parts of France and England and smaller quantities over the western countries generally. Largest amounts 0·7 in. at Oxford, 1·1 in. at Jersey, 1·4 in. at Nice, and 2·3 ins. at Charleville in the north-east of France.

TEMPERATURE fallen in most regions, quickly over Central England. Readings in morning ranging from 69° at Malta and 68° at several Algerian stations to below 50° as a whole, and to below 32° at Oxford and in the north-east of our area. Lowest reading 27° at Kuopio and Archangel. Rising later to 86° at La Calle and Malta, and to above 70° on most shores of the Mediterranean. Maxima below 50° at many of our own stations and less than 32° at some places in the far north of Europe.

Barometer and Wind. 8 a.m. and 6 p.m.



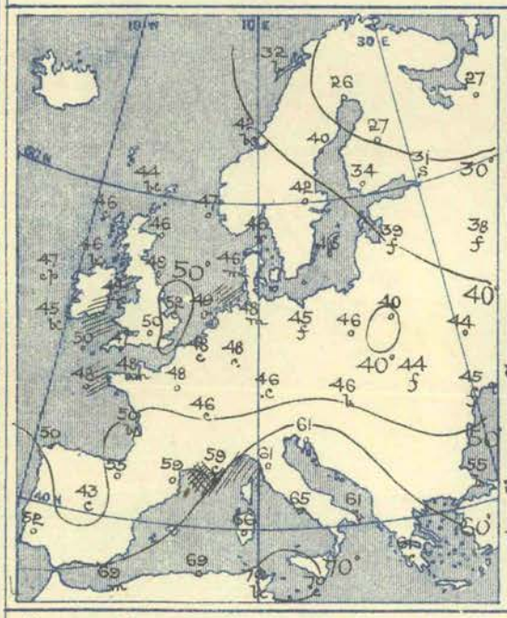


WIND in morning varying greatly in direction over the western half of our area; blowing a gale from East on the south-west coast of Norway, but very light or moderate generally. Light breezes, chiefly from the Southward or South Eastward over the eastern regions. A strong gale from East springing up at Nice by evening and fresh to strong breezes from North-East setting in over the south-east of England.

BAROMETER in morning below 29·5 ins. in a depression over the Bay of Biscay and below 29·7 ins. in another system over Scotland and the northern portion of the North Sea. Above 30·3 ins. in an anticyclone over the Black Sea and the southern half of Russia. A fresh minimum apparently developing over the eastern portion of the English Channel during day and depression over the Bay of Biscay moving a little further to the eastward. Disturbance over North Sea almost entirely dispersing by 6 p.m.

Wednesday, 7th November, 1906.

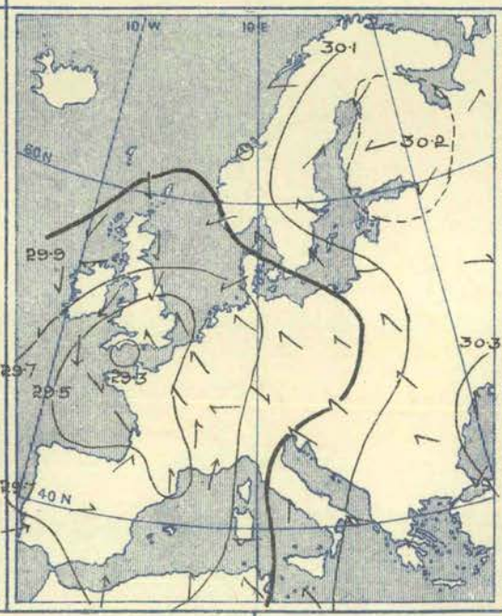
Temperature and Weather. 8 a.m.

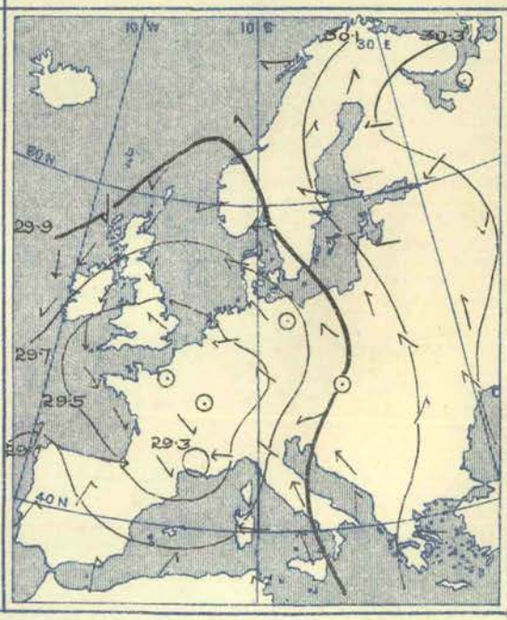


WEATHER at 8 a.m. fine and bright at most stations in the south-east and extreme north-west of Europe, but overcast and unsettled as a whole, with rain in various parts of our Islands, France, the Netherlands, Denmark, and also at Athens. Rain later in all British and Irish localities, and over many parts of southern Europe and in Algeria. Heaviest falls 3·0 ins. at Lyons and Marseilles, 2·3 ins. at Nice, and 2·2 ins. at Algiers. Rain continuing all night over the south-east of England.

TEMPERATURE changed irregularly over our area generally, but risen quickly over the English Midlands. Readings in morning as high as 70° over Algeria and at Malta, and 66° at Florence. About 50° or rather lower over Europe as a whole, but decreasing to 37° at Hermanstadt, and to below 30° in the far north-east. Rising later to 82° at Palermo, to 84° at La Calle, and to 72° at Rome. Maxima above 60° in some parts of Central Europe, and above 50° at most of our own stations. Thermometer only touching 32° at St. Petersburg.

Barometer and Wind. 8 a.m. and 6 p.m.



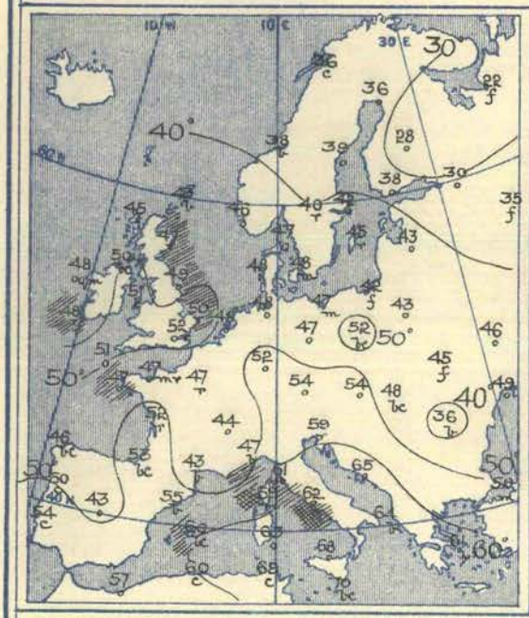


WIND in morning circulating cyclonically with considerable force over our Islands and their neighbourhood. Moderate to strong breezes, mainly Southerly, prevailing over the Mediterranean region, and light breezes from some Easterly point over Russia and Scandinavia. Not much change later beyond some increase in force on the shores of Southern Europe.

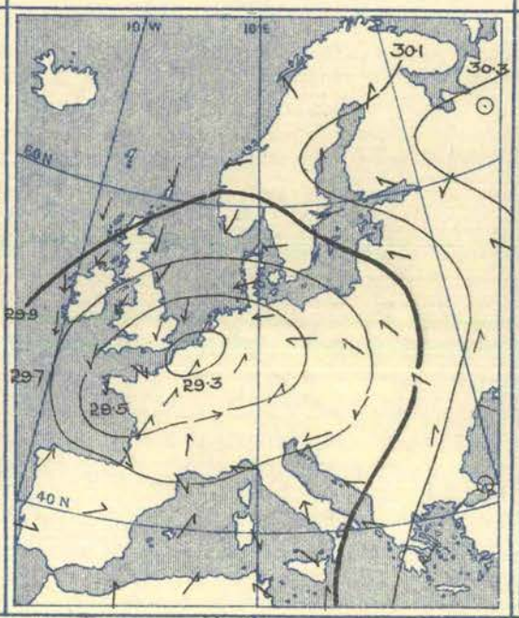
BAROMETER at 8 a.m. ranging from above 30·3 ins. in an anticyclone over the Black Sea and the adjacent portion of Russia and above 30·2 ins. over Finland, to below 29·3 ins. in a depression having its centre over the western part of the English Channel. A secondary disturbance shown over the south of France. Latter becoming much deeper during day and gradients in its immediate vicinity increasing greatly. Minimum over the Channel moving very slightly westwards. Little modification occurring within the region of highest pressure.

Thursday, 8th November, 1906.

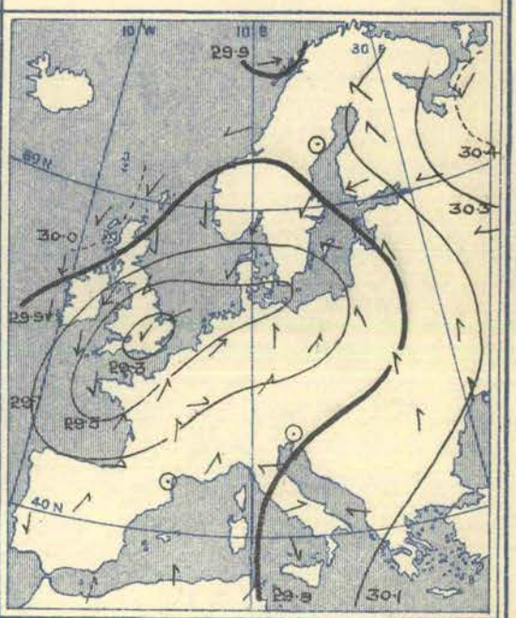
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. dull and unsettled over the United Kingdom and its neighbourhood, with rain over England and the east of Scotland, and also at many Continental stations. Rainy in the south of Scandinavia, as well as at Trieste, and cloudy or overcast over the Continent as a whole. Rain continuing all day in the south-eastern parts of England and measurements of about an inch recorded in many places. Large quantities of rain falling in the north of France and on some shores of the Mediterranean, as much as 2·2 ins. at Palma.

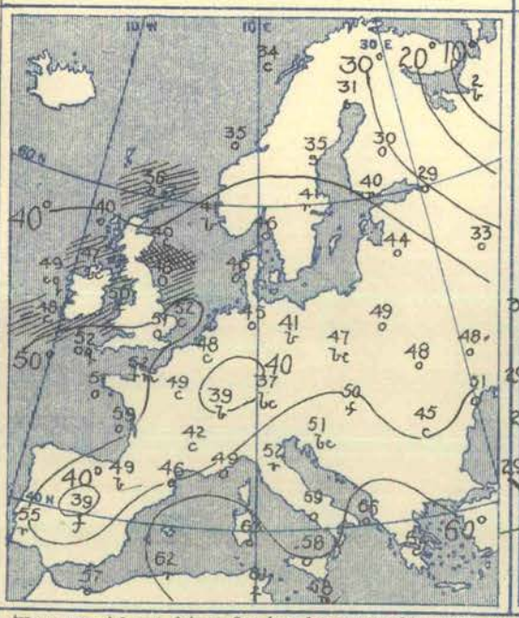
TEMPERATURE showing no decided change. Readings in morning about 70° at some stations in the far south, about 50° over Europe as a whole, and decreasing to below 32° in the north-east. Lowest value 22° at Archangel. Rising during day to 79° at Tunis, to 78° at Malta, and to 77° at Cagliari. Maxima above 60° at some stations in Austria-Hungary, but only slightly above 50° in Germany and these Islands, and no higher than 34° at St. Petersburg. Range very slight during the twenty-four hours over the United Kingdom.

WIND in morning cyclonic over our Islands and all the western parts of the Continent. North-Easterly to Northerly current blowing freshly or strongly over Denmark and on our coasts. Moderate to strong breezes from various quarters prevailing over the Mediterranean region, and light airs, mainly from the Eastward, over Russia. No change of importance occurring later in day.

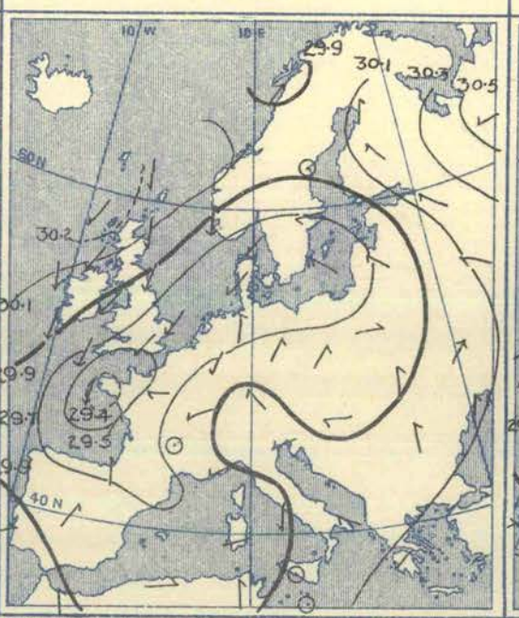
BAROMETER at 8 a.m. ranging from above 30·3 ins. in a large anticyclone covering the eastern half of Russia, to below 29·4 ins. in a complex depression lying over the English Channel and extending to Germany. Lowest readings reported 29·29 ins. over the Netherlands and Belgium. Disturbance becoming more simple by evening, and minimum moving rather more to the westward. Pressure increasing over Ireland and Scotland, and gradients over England growing steeper. A fall of the barometer commencing in the extreme north of Norway.

Friday, 9th November, 1906.

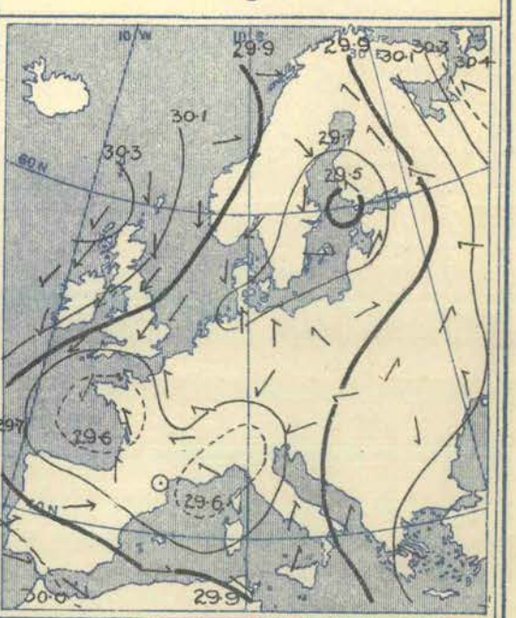
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fair or fine in a few scattered localities, but overcast generally, and rainy at several of our own stations and also over various parts of the Continent. Snow falling in the northern half of Sweden. Slight rain falling later over England and much larger quantities in Scandinavia, Russia, and over many parts of Southern Europe. Heaviest measurements 2·0 ins. at Turin, 1·5 in. at Nice and Leghorn, and about an inch in several places.

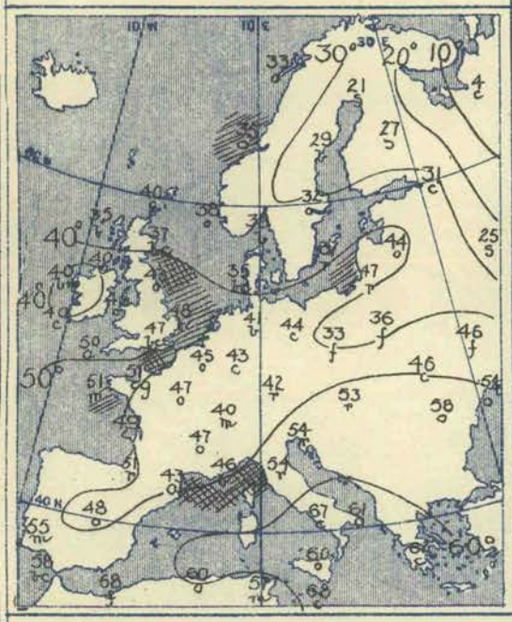
TEMPERATURE fallen in most regions, very quickly in the north of Russia and at Munich. Readings in morning ranging from nearly 70° at Malta and Tunis, to below 5° over the major portion of our area, and to much below the freezing point over northern Russia. Lowest value 2° at Archangel. Rising during day to 82° at Sfax, and to above 70° in Sicily and the south of Italy. Maxima below 55° in many parts of Central Europe and below 50° at many of our own stations.

WIND in morning moderate to strong from the Eastward over the north of Russia, and from between North and East over most of Scandinavia and these Islands. Lighter in force and rather variable in direction over southern and central Europe. A fresh South-Westerly breeze prevailing in the north of Norway. Increasing in force in many parts of this country later; attaining the force of a strong gale at Portland Bill.

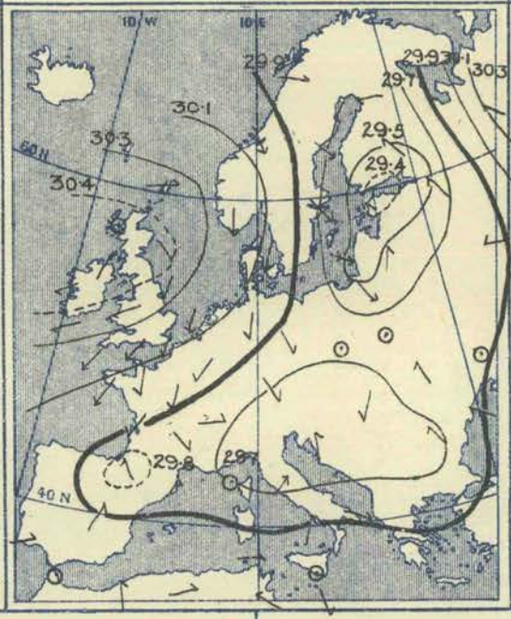
BAROMETER in morning less than 29·4 ins. in a small minimum over Brittany, and less than 29·6 ins. in a band extending thence in a north-easterly direction to Gothland. High to the north-westward of our Islands, and as high as 30·56 ins. at Archangel. Relatively low in an ill-defined disturbance over the western half of the Mediterranean, and also in a depression to the northward of Norway. High pressure off our north-west coasts approaching our Islands during day, and barometer rising decidedly over the whole Kingdom. Minimum over Brittany travelling away southwards to the Bay of Biscay, and decreasing somewhat in intensity.

Saturday, 10th November, 1906.

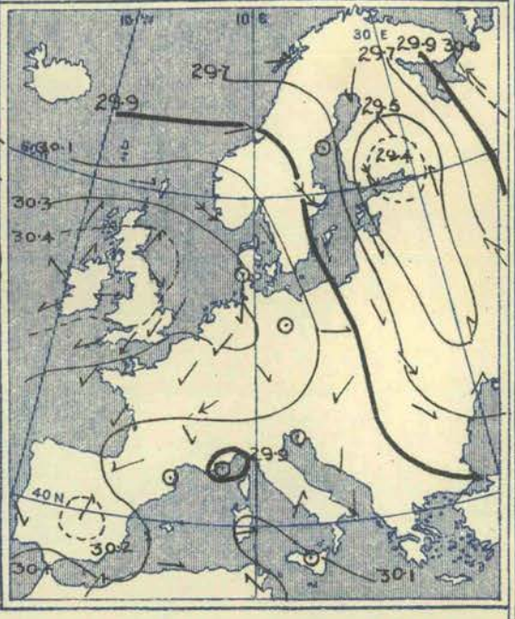
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fair or fine in the United Kingdom and in a few other regions, but very cloudy or overcast on the Continent as a whole, with rain in various districts, and snow at Moscow and in the north of Finland. Very heavy snow at Kuopio during day and heavy rain in the west of Norway. Considerable or heavy rain also experienced in some parts of Central Europe, as well as at Memel and Turin; largest amount 1·5 in. at Vienna.

TEMPERATURE risen at some Italian and Finnish stations, fallen generally elsewhere. Readings in morning as low as 4° at Archangel and much below 32° in the north-east as a whole. Above 40° at nearly all our own stations and in the central countries, and above 60° at a few places in the extreme south of our area. Maxima during day below 45° in some Scotch localities, and below 50° in many parts of Germany and Austria, as well as in the north-east of France. Thermometer rising to above 60° over the Mediterranean region and touching or slightly exceeding 70° in places.

WIND in morning showing three separate cyclonic circulations over the Continent, and an anticyclonic movement over our Islands. Northerly and North-Easterly current fresh to very strong over the English Channel and the north-western parts of the Continent, and fresh or strong Westerly winds blowing at some stations in the Mediterranean. Decreasing in force later except over Northern Europe. A Northerly gale setting in over the Baltic and on the south-west coast of Norway.

BAROMETER in morning ranging from 30·4 ins. and higher in an anticyclone extending from the Atlantic over Ireland and Scotland, to less than 29·4 ins. in a deep depression centred over the Gulf of Finland. Relatively low in two other minima; one over the south-west of France and the adjacent portion of Spain, and the other over the southern part of Central Europe. Anticyclone continuing to extend over our Islands during day and depressions over the more southern countries undergoing considerable modification in size and depth.

VI.—TEMPERATURE on the Grass, and in the Ground.

	STATION.	Grass Min.		Mean Earth Temp.	
		No. of Obs. of 30° or less.	Lowest reading.	At 1 foot.	At 4 feet.
			°	°	°
2.	York	—	—	47·7	50·4
	Hull	1	25	45·4	50·3
3.	Cambridge	?1	?26	—	—
	Dunmow	1	27	—	—
4.	Harrogate				
	Sheffield	2	28	45·7	50·2
	Birmingham	2	27	46·1	50·4
	Nottingham	1	28	45·6	50·1
5.	Kew	1	30	47·5	52·4
	Canterbury	0	32	49·0	52·8
	Portsmouth	1	30	48·8	53·9
6.	Glasgow	4	25	—	—
7.	Newton Rigg	3	25	45·8	48·7
	Bettws-y-Coed	0	32	44·1	49·4
	Manchester (Oldham Road)	1	30	45·5	51·5
8.	Llangammarch Wells	3	25	46·1	51·0
	Bath	—	—		
	Plymouth	—	—	47·6	—
9.	Armagh	4	26	46·5	50·3
	Markree	5	21	—	—
10.	Dublin, Trin. Coll.	1	28	45·7	49·5
11.	Guernsey, Brooklyn	0	38	50·1	55·3

VIII.—OBSERVATIONS IN THE UPPER AIR.—Temperature, Humidity and Wind Velocity.

Date of Observation.	Station and its Height above M.S.L.		Heights in feet above Mean Sea Level. Ground Level.	1,660.	3,320	5,000.	6,660.	8,320.	10,000.	Remarks.
1906. November 4th, 10.0 a.m. to 11.50 a.m.	Brighton, 380 ft.	Temperature F.	46°	41°						Cloud level, 1,900 ft. Max. height, 2,300 ft. Temperature 39°. Rain commenced at 11.40 and continued for the rest of day.
		Humidity	95%	100%						
		Wind Velocity, m. per hr.	SE by E	SE, 35						
November 6th (morning).	Aldershot.	Temperature F.								Thick white mist on ground, quite calm. At 300 ft. above ground, slight wind beginning. At 500 ft. from ground, wind fairly steady, 15 to 20 miles an hour from E.N.E.; indication of stronger wind above. Bright sunlight at 650 ft. at 12 o'clock; 500 ft. at 10 o'clock.
		Humidity								
		Wind Velocity, m. per hr.								
November 7th, 10.45 a.m. to 12.40 p.m.	Brighton, 380 ft.	Temperature F.	50°	44°						Clouds over 2,000 ft. Slight rain at times.
		Humidity	90%	100%						
		Wind Velocity, m. per hr.	SSE	SSE, 28						
November 10th, 2.39 p.m. to 3.39 p.m.	Ditcham Park, Petersfield, 400 ft.	Temperature F.	48°	41°	[40°]					One 9 ft. kite; 4,610 ft. wire. Max. height, 3,150 ft. Sky clear. Inversion at 2,250 ft.; minimum temp. 38°. Change of wind direction and decrease in velocity just above inversion surface. Humidity greatest at inversion, decreasing above.
		Humidity	80%	—	—					
		Wind Velocity, m. per hr.	NE by N, 27	E by N, 37	[ENE, 27]					
November 10th, 3.0 p.m. to 3.50 p.m.	Glossop Moor, 1,100 ft.	Temperature F.	40°	36°						Two 9 ft. kites. Wind failed, at 350 ft. nearly calm.
		Humidity	80%	90%						
		Wind Velocity, m. per hr.	ENE	ENE, 20						
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								

63, Victoria Street, London, S.W. *November 14th, 1906.*

W. N. SHAW, *Director.*

WEEKLY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

SUPPLIED FOR THE PUBLIC SERVICE

ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE,

AND PUBLISHED FOR H.M. STATIONERY OFFICE BY WYMAN AND SONS, LTD., FETTER LANE, E.C., AND 32, ABINGDON STREET, WESTMINSTER, S.W.; OR OLIVER AND BOYD, EDINBURGH; OR E. PONSONBY, 116, GRAFTON STREET, DUBLIN.

TWENTY-NINTH YEAR. Vol. XXIII. (New Series.) } No. 46. FORTY-SIXTH WEEK, ENDING SATURDAY, NOVEMBER 17TH, 1906.

[Price 6d. Annual Subscription post paid £1 10s. 0d.

I.—GENERAL REMARKS.

Weather was at first fair to very fine in nearly all places, but subsequently fell into a rough and rainy condition very generally. Snow was experienced in some localities in the North of Ireland and Great Britain late in the week, and hail showers further south.

Temperature differed very little from the average over the Kingdom as a whole, but was from one and a half to two degrees below it in England N.W. and England S.W. The highest of the maxima occurred in most places on the 15th or 16th, and varied from 57° in the Midland Counties, Ireland S., and the English Channel, to 51° in the north and east of Scotland. The lowest of the minima were recorded on various dates. In England S.W. the thermometer fell to 21°, but elsewhere the values ranged from 25° in the Midland Counties, and 26° in several other districts to 34° in the English Channel and to 35° in Ireland S.

Rainfall was more than the average in most English districts, as well as in Scotland W. and Ireland N., but less in the north and east of Scotland, the north-eastern and central Counties of England, the south of Ireland, and the English Channel.

Bright Sunshine was deficient in all districts except England S.W., and the English Channel. The percentage of the possible duration was only 3 in England N.E. and below 10 in several other districts, but increased to 28 in England S.W. and to 30 in the English Channel.

Barometer and Wind.—At the commencement of the week a high pressure system which had arrived from the northward extended across these Islands, and the wind was light from the Westward in Scotland and light and variable elsewhere. This distribution underwent little modification until after Tuesday, but by 8 a.m. on Wednesday the anticyclone had moved eastward to the Continent, and the barometer was falling briskly along our western coasts, with increasing Southerly winds. From this time till the end of the period the type of pressure distribution was South-Westerly; and as some of the cyclonic systems that arrived from the Atlantic were deep, the winds were generally fresh or strong, and occasionally increased to the force of a gale both on our western and southern coasts.

SUMMARY OF TEMPERATURE, RAINFALL, AND DURATION OF BRIGHT SUNSHINE IN THE UNITED KINGDOM, FOR AGRICULTURAL AND SANITARY PURPOSES.

THE WEEK (46th)—November 11th to November 17th, 1906.

DISTRICTS. (See p. 272.)	Temperature. Highest.	Lowest.	Means of Daily Max.	Daily Min.	Daily Mean.	Difference from Av. (35 Yrs.)	Accumulated. Number of Day-Degrees. Above 42°	Difference from Av. (25 Yrs.)	Below 42°	Difference from Av. (25 Yrs.)	Rainfall. Number of Rain-Days.	Diff. from Av. (35 Yrs.)	Total Fall.	Difference from Average (35 Yrs.)	Sunshine. Hours recorded.	Diff. from Av. (25 Yrs.)	Percentage of Possible Duration.	Diff. from Av. (25 Yrs.)
	°	°	°	°	°	°	Day-deg.	Day-deg.	Day-deg	Day-deg.			Inches.	Inches.			%	%
0. SCOTLAND, NORTH ..	51	26	45·5	37·8	41·7	+ 0·1	10	- 9	18	+ 3	6	+ 1	1·18	- 0·06	4	- 5	7	- 9
Eastern 1. SCOTLAND, EAST ..	51	26	45·7	36·6	41·2	+ 0·1	10	- 9	22	+ 2	4	0	0·70	- 0·06	8	- 4	14	- 8
Eastern 2. ENGLAND, N.E. ..	52	28	46·8	38·6	42·7	- 0·1	19	- 6	10	- 3	3	- 1	0·49	- 0·10	2	- 9	3	- 15
Eastern 3. ENGLAND, EAST ..	54	26	49·0	38·7	43·9	+ 0·3	27	- 1	9	- 5	3	- 1	0·67	+ 0·10	7	- 7	12	- 12
Eastern 4. MIDLAND COUNTIES	57	25	47·9	36·5	42·2	- 0·7	25	- 1	15	- 1	4	0	0·52	- 0·06	4	- 8	6	- 12
Eastern 5. ENGLAND, SOUTH ..	56	26	49·7	38·5	44·1	- 0·4	29	- 7	10	+ 1	4	0	0·95	+ 0·25	12	- 2	20	- 4
Western 6. SCOTLAND, WEST ..	53	28	47·1	38·7	43·0	- 0·1	21	- 5	9	- 2	4	0	1·64	+ 0·43	3	- 8	5	- 13
Western 7. ENGLAND, N.W. ..	55	29	47·6	37·4	42·5	- 1·5	23	- 6	13	+ 4	4	0	1·13	+ 0·31	6	- 8	9	- 13
Western 8. ENGLAND, S.W. ..	55	21	49·2	36·7	43·0	- 2·2	29	- 9	15	+ 8	4	0	1·01	+ 0·04	17	+ 2	28	+ 4
Western 9. IRELAND, NORTH ..	54	30	48·3	38·2	43·3	- 0·7	25	- 13	11	+ 1	5	0	0·98	+ 0·11	8	- 5	13	- 9
Western 10. IRELAND, SOUTH ..	57	35	51·2	41·4	46·3	+ 0·9	33	- 5	2	- 6	5	+ 1	0·72	- 0·26	10	- 5	16	- 9
11. ENGLISH CHANNEL	57	34	53·1	44·6	48·9	- 0·2	48	- 9	0	- 1	4	- 1	0·79	- 0·19	19	+ 2	30	+ 3

THE SEASON (Autumn).—Aggregates, &c., for the Period of 11 Weeks, September 2nd to November 17th, 1906.

0. SCOTLAND NORTH ..	89	21	*	*	*	*	579	+ 96	51	-19	52	- 1	10·29	- 2·65	248	+ 45	31	+ 6
Eastern 1. SCOTLAND, EAST ..	87	23	*	*	*	*	610	+104	68	-22	45	0	10·06	+2·33	274	+ 40	33	+ 5
Eastern 2. ENGLAND, N.E. ..	94	28	*	*	*	*	765	+162	18	-30	42	+ 2	7·82	+1·39	277	+ 1	33	0
Eastern 3. ENGLAND, EAST ..	93	26	*	*	*	*	929	+230	9	-51	37	- 2	8·00	+1·81	331	+ 42	40	+ 5
Eastern 4. MIDLAND COUNTIES	96	25	*	*	*	*	794	+151	46	-27	43	+ 4	7·79	+1·17	260	+ 18	31	+ 2
Eastern 5. ENGLAND, SOUTH ..	92	26	*	*	*	*	921	+139	10	-30	41	+ 2	9·68	+2·17	329	+ 35	39	+ 4
Western 6. SCOTLAND, WEST ..	89	28	*	*	*	*	670	+ 69	33	-18	41	- 4	10·04	-2·14	264	+ 33	32	+ 4
Western 7. ENGLAND, N.W. ..	90	27	*	*	*		738	+ 71	29	- 3	44	0	8·84	-0·35	279	+ 34	34	+ 4
Western 8. ENGLAND, S.W. ..	88	21	*	*	*	*	818	+ 50	28	- 1	42	- 2	9·92	-0·16	342	+ 58	41	+ 7
Western 9. IRELAND, NORTH ..	78	24	*	*	*	*	680	+ 47	42	- 3	51	0	7·81	-1·25	280	+ 50	34	+ 6
Western 10. IRELAND, SOUTH ..	79	24	*	*	*	*	777	+ 57	31	- 2	48	+ 3	8·14	-1·35	304	+ 32	36	+ 4
11. ENGLISH CHANNEL	82	34	*	*	*	*	1099	+ 94	0	- 2	42	- 6	8·31	-1·28	375	+ 44	44	+ 5

THE YEAR.—Aggregates, &c., for the period of 46 Weeks, December 31st, 1905, to November 17th, 1906.

0. SCOTLAND, NORTH ..	89	8	*	*	*	*	2003	+ 25	697	+ 68	225	+23	45·08	+2·32	1153	+ 53	28	+ 1
Eastern 1. SCOTLAND, EAST ..	88	11	*	*	*	*	2345	+ 85	692	- 2	186	+14	31·33	+3·82	1386	+117	34	+ 3
Eastern 2. ENGLAND, N.E. ..	94	18	*	*	*	*	2915	+395	482	- 52	165	+10	22·16	-0·17	1526	+106	37	+ 3
Eastern 3. ENGLAND, EAST ..	93	23	*	*	*	*	3293	+365	422	-170	142	- 9	21·70	+0·32	1740	+249	43	+ 6
Eastern 4. MIDLAND COUNTIES	96	18	*	*	*	*	3118	+273	532	- 83	159	+ 5	22·52	-1·66	1485	+184	36	+ 5
Eastern 5. ENGLAND, SOUTH ..	92	20	*	*	*	*	3319	+140	361	- 69	153	+ 2	25·25	+0·98	1787	+254	44	+ 6
Western 6. SCOTLAND, WEST ..	89	14	*	*	*	*	2509	+117	452	- 20	187	+ 8	41·23	-0·56	1392	+ 91	34	+ 2
Western 7. ENGLAND, N.W. ..	90	16	*	*	*	*	2828	+106	408	- 16	180	+13	32·32	+2·26	1455	+144	36	+ 4
Western 8. ENGLAND, S.W. ..	88	19	*	*	*	*	3094	+ 63	355	+ 30	176	+11	35·86	+2·37	1643	+172	40	+ 4
Western 9. IRELAND, NORTH ..	84	20	*	*	*	*	2577	- 35	397	- 2	223	+22	32·93	+0·69	1310	+ 96	32	+ 2
Western 10. IRELAND, SOUTH ..	81	24	*	*	*	*	3102	+113	295	- 2	206	+26	31·85	-3·47	1439	+ 39	35	+ 1
11. ENGLISH CHANNEL	89	27	*	*	*	*	2666	+ 80	79	- 37	170	- 4	25·01	-4·14	1873	+ 87	46	+ 2

Bright Sunshine.—For certain of the Districts the values of Bright Sunshine in this Table are based on the records from a part only of the Stations included in Table II. For certain of the Stations Mean Values are not available, and for the Districts containing these Stations the "Difference from Average" is based on the records from a smaller number of Stations than those supplying the values for "Hours Recorded."

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III.—DATA from which the SUMMARY on page 271 has been calculated.

November 11-17, 1906.

Districts	Names of Stations.	Temperature. In Degrees Fahrenheit. Highest observed.	Lowest observed.	Mean for the Week. Of Highest each day.	Of Lowest each day.	For whole of each day.	Difference of Daily Average from Mean for the Week.	Accumulated Heat for the Week (in Day-degrees). Above 42°	Below 42°	Rainfall. Number of Rain-Days.	Rainfall in the Week.	Difference from the Mean for the Week.	Bright Sunshine. Number of Hours recorded.	Difference from the Mean for the Week.	Percentage of possible duration.	Difference from the Mean for the Week.
		°	°	°	°	°	°	Day-deg	Day-deg		Inches	Inches	Hrs.	Hrs.	%	%
0. SCOTLAND, N.	†Sumburgh Head (Deerness)	50	31	45·9	40·4	43·2	+ 0·8	15	4	7	0·76	− 0·17	6·3	− 2·7	12	− 5
	Wick	51	28	46·9	36·6	41·8	− 0·1	14	23	5	0·85	+ 0·19	*	*	*	*
	†Lairg (Strathpeffer)	50	26	43·6	34·7	39·2	− 0·1	4	27	7	2·02	+ 1·17	4·7	− 5·6	9	− 10
	Stornoway	50	30	47·0	38·0	42·5	+ 0·1	20	11	7	1·14	− 0·12	3·7	− 6·2	7	− 11
	Glencarron	50	32	45·2	36·7	41·0	+ 0·3	9	21	6	1·73	− 0·29	*	*	*	*
	Fort Augustus	48	34	44·5	38·6	41·6	− 0·3	7	14	5	0·76	− 0·22	0·0	− 5·2	0	− 10
	Fort William	49	35	45·6	39·5	42·6	− 0·1	15	7	5	1·03	− 0·00	*	*	*	*
1. SCOTLAND, E.	Nairn	50	29	45·6	36·3	41·0	− 0·1	10	23	5	1·18	+ 0·65	5·6	—	10	—
	Aberdeen	51	32	46·9	36·3	41·6	− 0·4	14	23	3	0·65	− 0·10	14·0	+ 6·8	26	+ 2
	†Balmoral (Crathes)	47	26	43·9	33·6	38·8	+ 0·4	5	31	6	0·47	− 0·43	10·6	—	20	—
	†Clathick (Balruddery)	48	30	45·3	36·9	41·1	− 0·1	9	20	5	0·41	− 0·62	2·5	—	5	—
	†Leith (Edinburgh)	50	38	47·3	41·0	44·2	+ 0·9	20	3	4	0·77	+ 0·24	4·8	− 5·8	9	− 10
	Marchmont	49	30	45·3	35·6	40·5	− 0·2	9	25	2	0·70	− 0·10	3·6	− 8·4	6	− 15
2. ENGLAND, N.E. Northern part.	†Alnwick Castle (Cockle Park)	49	28	46·9	35·7	41·3	− 1·2	14	25	4	0·49	− 0·34	6·3	—	11	—
	†Shields (Newcastle)	49	32	46·7	37·1	41·9	− 1·4	13	20	4	0·71	+ 0·14	1·0	− 6·7	2	− 12
	Durham	50	29	45·2	37·3	41·3	− 0·4	9	19	3	0·62	− 0·05	3·6	− 9·1	6	− 16
	Scarborough	49	37	46·9	40·3	43·6	− 0·1	18	5	3	0·56	− 0·11	0·0	—	0	—
	York	52	33	47·4	38·2	42·8	+ 0·1	22	11	3	0·47	− 0·07	0·3	− 9·2	1	− 16
Southern part.	†Spurn Head (Saltburn)	50	40	47·4	42·1	44·8	+ 0·4	20	0	3	0·42	− 0·04	2·1	—	4	—
	†Lincoln (Skegness)	50	36	47·5	39·3	43·4	+ 1·1	21	8	2	0·27	− 0·19	0·4	—	1	—
	†Fulbeck (Rauceby)	49	36	46·3	38·9	42·6	+ 0·5	17	9	4	0·36	− 0·11	1·0	—	2	—
	(Cromer)												2·9	—	5	—
3. ENGLAND, E. Northern part.	Hillington	50	34	47·9	38·0	43·0	+ 0·6	24	11	3	0·70	+ 0·06	0·6	− 12·3	1	− 21
	†Yarmouth (Lowestoft)	50	33	48·7	39·9	44·3	+ 0·6	25	6	3	0·61	− 0·03	5·1	—	9	—
	Geldeston	53	26	50·0	38·9	44·5	+ 0·9	31	9	3	0·62	+ 0·04	4·6	− 10·3	8	− 17
	(Dunmow)												13·6	—	22	—
Southern part.	Cambridge	53	30	49·1	37·8	43·5	+ 0·8	28	12	3	0·55	+ 0·08	6·7	− 7·3	11	− 12
	Felixstowe	52	33	49·0	40·5	44·8	+ 0·3	26	4	3	0·79	—	4·4	—	7	—
	Clacton-on-Sea	52	33	49·3	39·4	44·4	+ 0·1	28	7	3	0·77	—	10·5	—	17	—
	Rothamsted	53	29	47·6	36·1	41·9	− 0·6	16	25	3	0·63	− 0·01	11·6	− 2·7	19	− 5
	†Shoeburyness (Southend)	54	33	50·1	39·6	44·9	+ 0·2	30	7	3	0·65	+ 0·15	12·5	—	21	—
	London, Westminster	54	33	49·7	38·4	44·1	+ 0·1	30	10	4	0·68	+ 0·13	1·8	− 4·6	3	− 8
4. MIDLAND COUNTIES. Eastern part.	Harrogate	53	34	48·0	35·5	41·8	+ 0·2	17	27	4	0·93	+ 0·29	1·8	—	3	
	†Bawtry (Worksop)	57	34	49·3	38·4	43·9	+ 1·5	28	10	3	0·50	+ 0·13	1·0	− 10·0	2	− 17
	Nottingham	52	37	47·6	39·1	43·4	+ 0·8	22	8	4	0·46	0·00	1·2	—	2	—
	†Colly Weston (Oundle)	56	35	50·1	38·3	44·2	+ 1·5	31	10	4	0·48	− 0·08	1·9	—	3	—
	Birmingham, Edgbaston	52	35	46·5	38·9	42·7	− 0·1	18	9	3	0·48	− 0·08	0·9	—	2	—
	Oxford	54	29	48·7	36·3	42·5	− 0·9	27	16	3	0·38	− 0·17	7·1	− 6·6	12	− 11
Western part.	†Cheadle (Sheffield)	50	35	45·3	37·3	41·3	− 0·4	9	19	4	0·76	0·08	0·5	—	1	—
	Shrewsbury	55	25	47·9	34·5	41·2	− 3·4	17	30	3	0·47	—	*	*	*	*
	Hereford	54	26	47·1	33·8	40·5	− 2·7	14	33	4	0·41	− 0·19	*	*	*	*
	Cirencester	53	30	46·8	35·6	41·2	− 0·8	13	26	4	0·42	− 0·25	7·7	− 6·0	13	− 10
	Bath	55	25	49·3	33·9	41·6	− 3·1	20	33	3	0·46	− 0·23	11·6	—	19	—
	(Margate)												3·4	− 6·0	14	− 10
5. ENGLAND, S.	Kew	53	29	48·5	36·6	42·6	− 1·0	27	15	3	0·81	+ 0·29	8·0	− 3·8	13	− 6
	Wisley, Surrey	54	26	47·9	35·2	41·6	− 2·8	17	28	4	0·60	—	9·1	—	15	—
	†Swarraton (Ventnor)	53	28	47·3	33·4	40·4	− 2·1	15	34	5	0·75	− 0·01	15·5	− 0·6	25	− 1
	Tunbridge Wells	53	32	48·7	37·2	43·0	0·0	27	13	4	1·18	+ 0·41	11·7	− 4·3	19	− 7
	†Dungeness (Littlestone)	55	39	51·4	41·9	46·7	+ 1·1	33	0	3	1·44	+ 0·81	15·6	—	26	—
	Hastings	55	38	50·7	41·2	46·0	+ 0·6	31	2	3	1·23	+ 0·46	13·4	− 3·6	22	− 6
	Southampton	54	31	50·6	39·1	44·9	− 0·2	32	8	3	1·06	+ 0·30	17·1	+ 2·2	28	+ 4
	†Portland Bill (Worthing)	56	39	52·1	43·0	47·6	+ 1·0	39	0	3	0·49	—	14·8	—	24	—
	(Eastbourne)												12·8	− 1·9	21	− 3
6. SCOTLAND, W.	†Laudale (Oban)	51	37	47·7	40·5	44·1	+ 0·5	21	4	5	2·04	+ 0·14	0·5	—	1	—
	Glasgow	48	37	46·0	39·7	42·9	+ 0·5	16	6	4	1·43	+ 0·57	1·0	− 5·3	2	− 9
	Dumfries	49	32	45·7	36·9	41·3	− 1·1	10	20	4	1·25	+ 0·31	*	*	*	*
	Cally	50	28	47·1	35·5	41·3	− 1·1	14	26	4	1·48	+ 0·27	*	*	*	*
	Douglas, Isle of Man	53	36	49·2	41·1	45·2	+ 0·5	26	3	5	1·99	+ 0·86	4·1	− 10·3	7	− 18
7. ENGLAND, N.W.	Aspatria	48	34	46·3	37·2	41·8	− 0·4	12	20	4	1·41	+ 0·46	3·7	—	6	—
	Newton Rigg	48	29	43·9	34·4	39·2	− 1·7	5	28	4	1·15	+ 0·29	1·2	− 10·7	2	− 18
	Stonyhurst	49	31	44·9	36·1	40·5	− 2·1	8	23	4	2·12	+ 1·10	1·5	− 9·3	3	− 16
	Blackpool	51	30	47·5	36·9	42·2	− 1·5	23	14	4	0·96	+ 0·14	1·9	− 9·3	3	− 16
	Manchester, Prestwich	51	31	46·1	36·6	41·4	− 1·3	11	22	4	1·14	+ 0·37	0·5	− 6·9	1	− 12
	†Liverpool Obs. (Hoylake)	53	32	48·4	38·0	43·2	− 1·1	25	11	4	0·48	− 0·16	8·5	—	14	—
	†Hawarden Bridge (Southport)	55	30	50·1	37·2	43·7	− 1·3	32	13	4	0·54	− 0·02	2·5	—	4	—
NORTH WALES	Llandudno	54	34	49·9	40·6	45·0	− 0·9	29	6	4	0·85	+ 0·08	10·1	− 2·8	17	− 5
	†Holyhead (Aberdovey)	53	39	49·7	42·0	45·9	− 0·7	27	0	4	1·22	+ 0·26	15·8	—	26	—
	Bettws-y-Coed	55	29	49·1	35·9	42·5	− 3·6	29	17	4	1·41	—	6·5	—	11	—
8. SOUTH WALES	Llangammarch Wells	52	21	47·0	28·7	37·9	− 6·1	14	50	4	1·66	—	13·0	—	21	—
	Pembroke	55	36	51·0	41·4	46·2	− 1·2	32	2	4	0·85	− 0·08	12·0	− 2·8	20	− 5
	†Cardiff (Aberystwyth)	54	26	49·0	34·0	41·5	− 3·8	20	33	4	0·90	− 0·06	14·5	—	24	—
ENGLAND, S.W.	†Clifton (Torquay)	54	30	48·1	37·2	42·7	− 2·0	25	13	4	0·59	− 0·17	21·1	+ 5·8	34	+ 9
	†Shaftesbury (Marlborough)	52	34	46·4	37·1	41·8	− 1·3	12	21	4	0·62	− 0·21	9·6	− 2·4	16	− 4
	†Arlington (Newquay)	53	29	49·4	35·1	42·3	− 1·6	31	19	4	1·74	+ 0·41	23·4	+ 5·7	38	+ 9
	Cullompton	55	26	49·6	34·3	42·0	− 2·0	21	22	5	0·77	− 0·09	20·8	+ 7·5	34	+ 12
	Plymouth	54	33	51·4	39·9	45·7	− 0·9	35	6	4	0·82	− 0·03	21·2	+ 5·5	34	+ 9
	Falmouth	55	38	51·3	42·4	46·9	− 0·8	34	0	4	1·13	− 0·07	13·3	− 4·1	22	− 7
9. IRELAND, N. Western part.	Malin Head	51	38	47·7	39·3	43·5	− 1·5	22	8	4	1·28	+ 0·53	*	*	*	*
	Edenfel	51	30	46·3	35·0	40·7	− 1·0	12	28	5	1·17	+ 0·32	*	*	*	*
	Blacksod Point	54	37	50·7	43·6	47·2	+ 1·0	36	0	5	1·18	− 0·06	*	*	*	*
	Markree Castle	53	33	48·5	37·6	43·1	− 0·2	26	12	5	0·87	− 0·07	7·0	− 5·8	12	− 10
Eastern part.	Armagh	52	34	47·9	36·1	42·0	− 0·9	17	17	4	0·60	− 0·07	8·6	− 4·7	15	− 8
	Donaghadee	51	32	48·6	37·3	43·0	− 1·5	27	13	4	0·75	0·00	*	*	*	*
10. IRELAND, S. Eastern part.	†Dublin, City (Phœnix Park)	56	39	51·2	40·4	45·8	+ 0·3	33	4	4	0·42	− 0·21	8·0	− 8·6	13	− 14
	Kilkenny	55	35	49·7	39·4	44·6	+ 0·4	29	7	4	0·71	− 0·01	*	*	*	*
	Waterford	54	36	51·3	40·4	45·9	+ 0·9	34	4	3	0·39	− 0·54	*	*	*	*
Western part.	Birr Castle	55	36	49·7	38·7	44·2	+ 0·9	29	9	5	1·06	+ 0·33	11·1	− 3·7	19	− 6
	Foynes	55	38	50·6	42·3	46·5	+ 1·4	32	0	5	1·00	+ 0·04	*	*	*	*
	Killarney	57	37	52·3	40·8	46·6	+ 0·9	37	3	5	0·91	− 0·47	*	*	*	*
	Valencia	55	40	52·7	44·7	48·7	+ 1·1	47	0	5	0·82	− 0·55	11·4	− 4·1	19	− 7
	†Roches Point (Ballinacurra)	57	43	52·1	44·7	48·4	+ 1·5	45	0	5	0·44	− 0·64	8·8	—	14	—
11 ENGLISH CHANNEL	Scilly, St. Mary's	54	46	52·7	47·1	49·9	0·0	55	0	4	0·71	− 0·15	7·3	− 10·7	12	− 17
	†Jersey, St. Aubins (St. Heliers)	57	34	52·4	40·7	46·6	− 1·9	38	4	4	0·48	− 0·48	26·2	+ 8·0	42	+ 13
	Guernsey	55	38	54·2	46·1	50·2	+ 1·3	57	0	4	1·17	+ 0·06	23·9	+ 9·2	38	+ 15

Information for Stations marked ℳ is supplied by the Royal Meteorological Society, and that for Stations marked Ⓢ is supplied by the Scottish Meteorological Society.

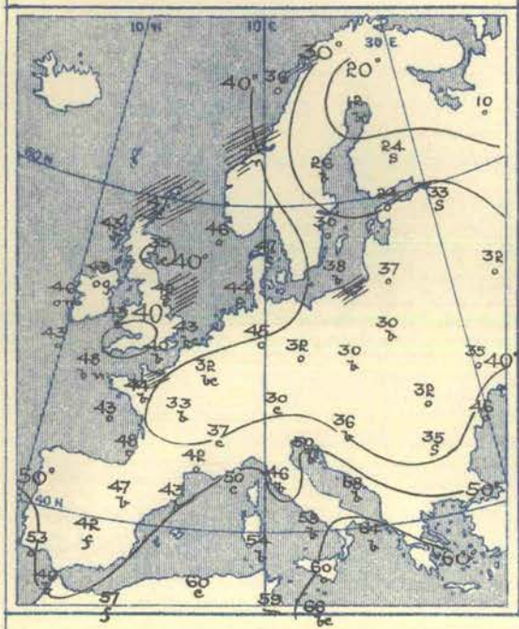
* An Asterisk is inserted in all places for which the information is not usually given.

† There is no Sunshine Recorder in use at this Station. The figures entered for Sunshine are those recorded at a Station in the same district of which the name is given in brackets.

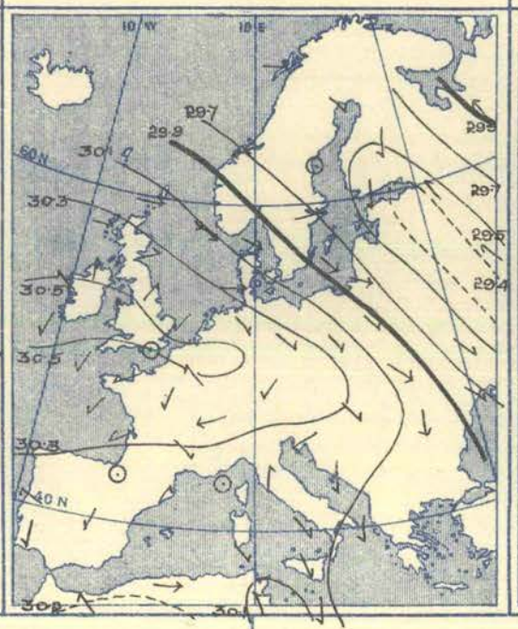
Additional Sunshine Totals for the week: Ramsgate, 11·6 hrs., 19 %; Brighton, 12·3 hrs. (− 3·9), 20 % (− 6 %); Bournemouth, 17·3 hrs., 28 %; Bognor, 16·3 hrs., 26 %; Rhyl, 13·9 hrs., 22 %; Tenby, hrs. ( ), % (%).

Sunday, 11th November, 1906.

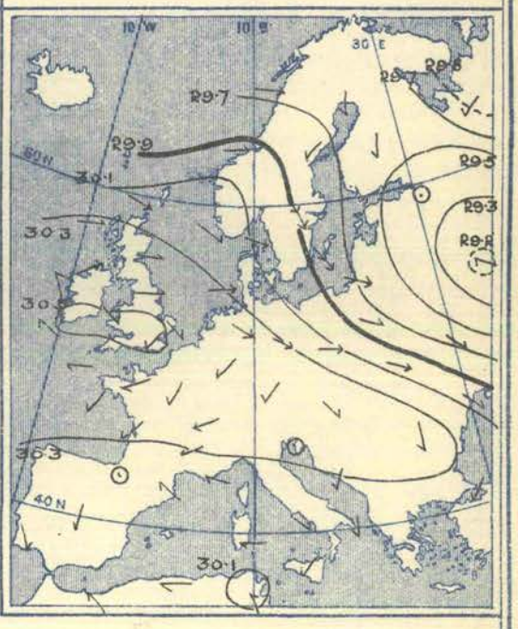
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fair or fine as a whole, but very cloudy or quite overcast in places, rain falling at Christiansund and Limoges, and snow over the Gulf of Finland. More than two inches of rain falling later at Tunis and heavy snow over many parts of Russia. Weather continuing dry over Europe generally.

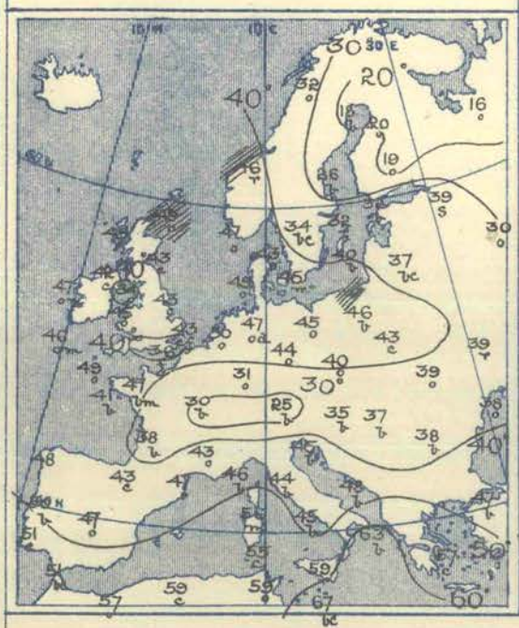
TEMPERATURE risen on our most western and northern coasts and over Norway, fallen in most other regions. Readings in morning ranging from 66° at Malta to below 40° over a very large portion of our area, and to much below the freezing point in the north-east. Subsequently rising to 75° at Athens and to about 70° at some other stations in the far south, but remaining below 50° over the central countries and at nearly all our own stations, and below 32° in the north of Sweden.

WIND in morning light anticyclonic over the western regions, as well as over Central Europe, cyclonic over the eastern portion of our area, and light and variable over the Mediterranean. Westerly gales prevailing on the coast of Norway and a high Northerly wind over the Gulf of Finland. A gale setting in by evening over the Baltic from the North-Westward.

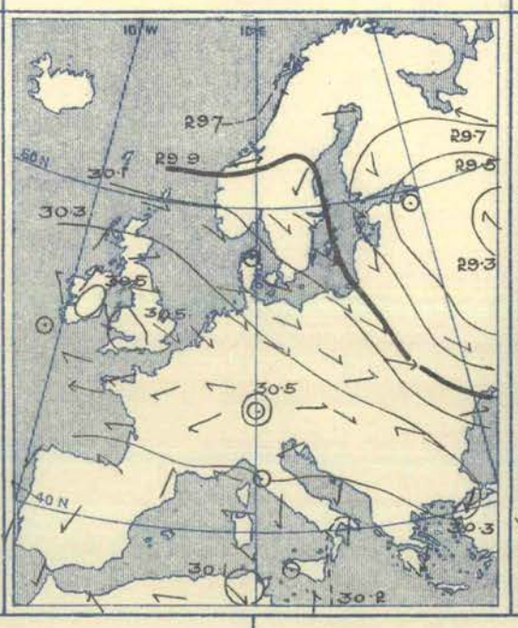
BAROMETER in morning highest, 30·5 ins. and above, in the central portion of an anticyclone over Ireland, England, and Belgium. Lowest, 29·4 ins. and less, in an elongated depression over Russia. Latter system undergoing considerable modification in form during day and increasing in depth. Gradients becoming steeper over the eastern half of our area generally. Very little change taking place within the high pressure system.

Monday, 12th November, 1906.

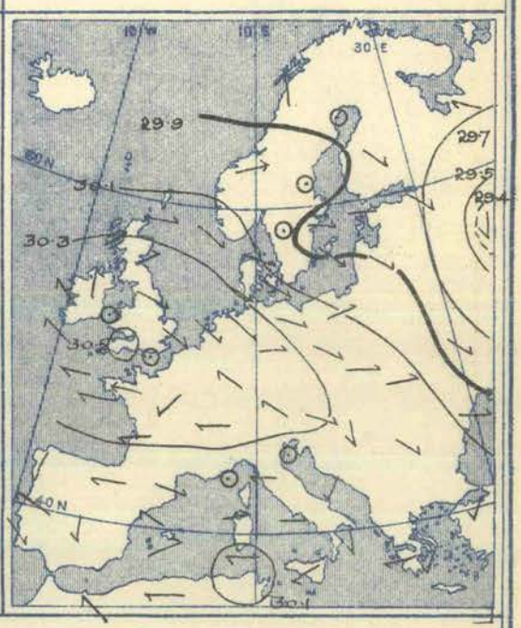
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine and bright over Sweden and in many parts of France and Southern Europe, as well as in some central regions; cloudy or overcast as a whole elsewhere, with mist or fog in various English localities, rain at Christiansund, Cracow, and Kieff, and snow at St. Petersburg. Rain also falling at Palermo. Heavy rain at that station during day and a considerable quantity at Algiers and Christiansund.

TEMPERATURE changed rather irregularly; readings in morning much below 32° in the north-east of our area as well as at Munich and Belfort. Above 40° at most of our own stations, and above 50° over the major portion of the Mediterranean. Highest readings 63° at Brindisi and 67° at Malta. Maxima during day nearly all below 50° over the United Kingdom Germany, and Austria, and also in many parts of France. Thermometer rising to 60° or above at several southern stations, and touching 70° at Malta.

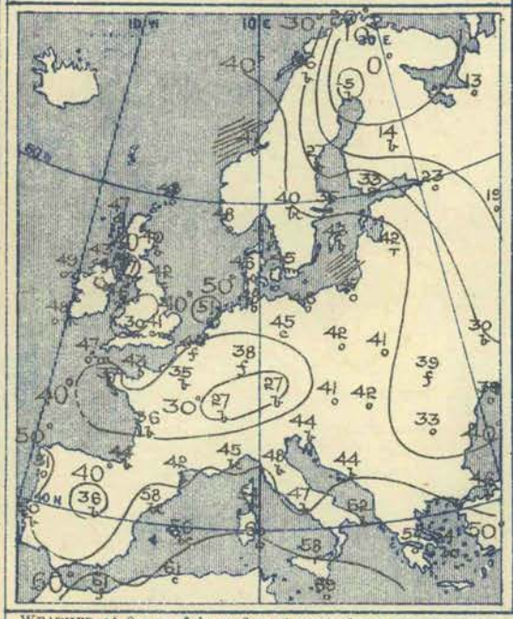
WIND in morning showing a light anticyclonic movement over our Islands and the western countries generally, and a moderate to strong cyclonic circulation over the eastern part of our area. A South-Westerly current prevailing over the north-west of Norway, and blowing a gale at Christiansund. Scarcely any change during day beyond a decrease in force in the North-West of Norway.

BAROMETER at 8 a.m. above 30·4 ins. in a large high pressure system extending from the Atlantic across England to the South of Austria. Below 29·3 ins. in a large depression having its centre near Moscow, and below 29·7 ins. off the north-west coast of Norway. No important modification occurring later either in the relative positions of the high and low pressure systems or in the actual height of the barometer.

Tuesday, 13th November, 1906.

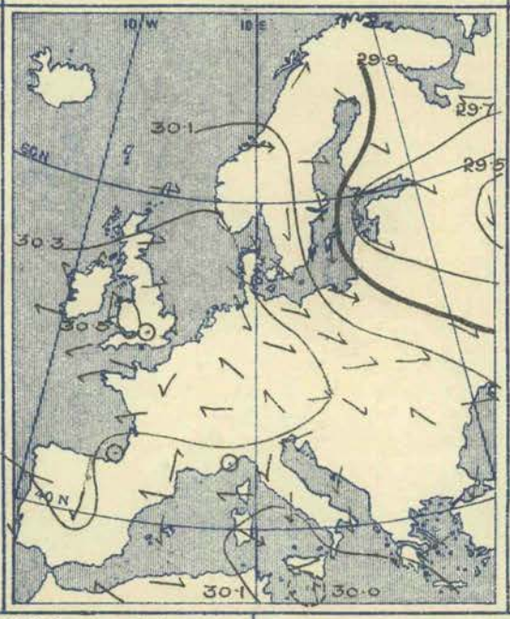
Temperature and Weather.

8 a.m.

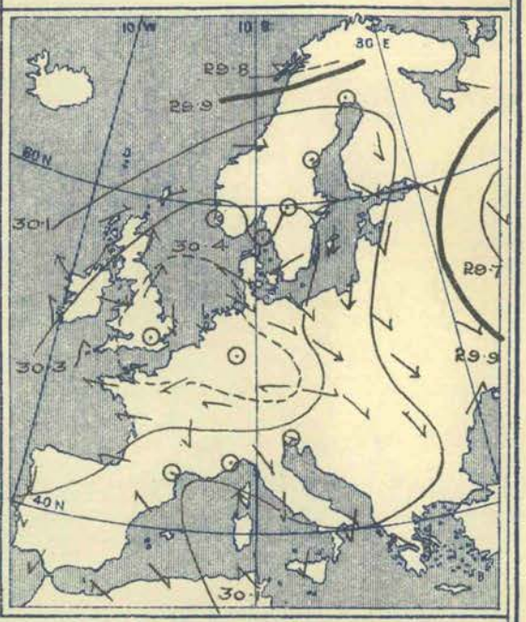


Barometer and Wind.

8 a.m.



6 p.m.



WEATHER at 8 a.m. fair or fine at most places over the western half of our area, but overcast in several localities, and foggy in many parts of England, Belgium, the east of France, and the adjacent part of Germany. Overcast over the major portion of Russia and Central Europe, with rain at Prague and Cracow. Rain falling later at some of our western and most northern stations, and much heavier amounts at La Calle and Tunis.

TEMPERATURE fallen generally, but risen on our most western and northern coasts, over Scandinavia, and the central countries. Readings in morning about 40° over the greater part of our area, but above 60° at some extreme southern stations, and as high as 69° at Malta. Below the freezing point over the north-east of Europe and at some places in Germany and France. Frost extremely severe in the north of Sweden, thermometer as low as —5° at Haparanda. Maxima during day below 50° over a considerable portion of our area and only 25° at St. Petersburg. Thermometer rising to above 69° in the south of Italy and the Riviera, and to above 70° at Malta and Tunis.

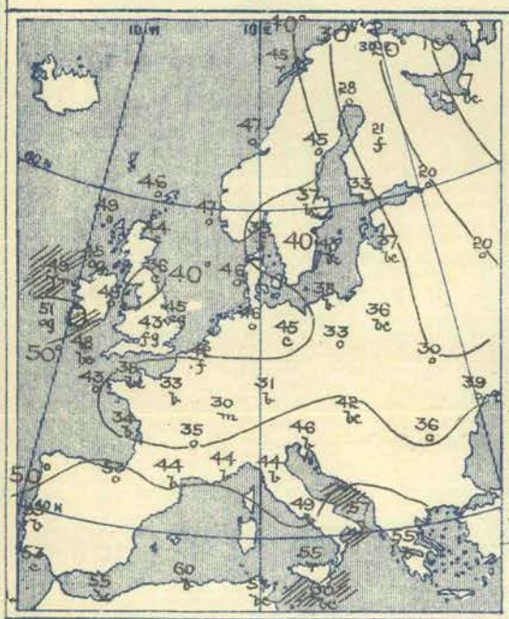
WIND in morning light anticyclonic over these Islands and Western Europe generally, and cyclonic over Russia and its neighbourhood; Northerly current blowing a gale over the upper portion of the Baltic. Light to fresh cyclonic breezes prevailing over the Mediterranean region. Not much change by evening; Southerly and South-Easterly winds becoming more decided along our own western coasts. Gale in the Baltic subsiding.

BAROMETER in the morning ranging from above 30·4 ins. in a large high pressure system covering most of the United Kingdom and extending to Central Europe, to below 29·5 ins. in a depression having its centre not far from Moscow; relatively low over the Mediterranean. Anticyclone moving slowly eastwards during day and barometer falling steadily over these Islands—most on the west coasts. Gradients decreasing greatly over the Baltic region.

Wednesday, 14th November, 1906.

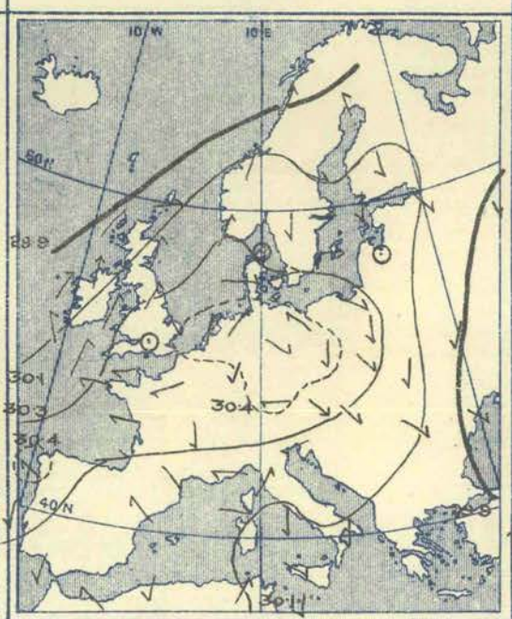
Temperature and Weather.

8 a.m.

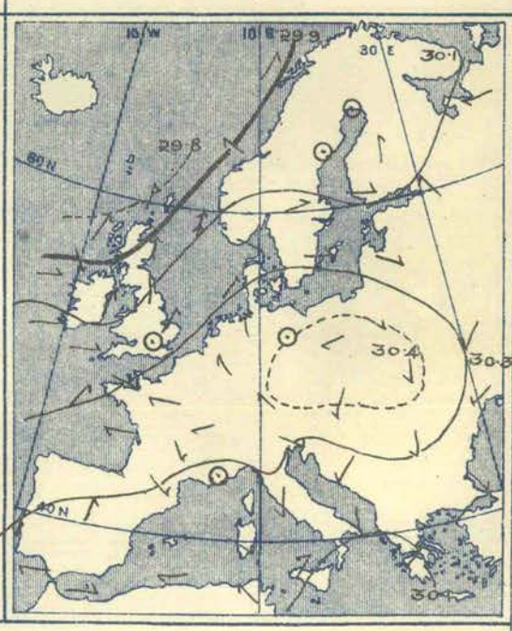


Barometer and Wind.

8 a.m.



6 p.m.



WEATHER at 8 a.m. fair or fine over our area as a whole, but foggy or misty in places. Dull and rainy on our western coasts and on the north-west coast of Norway as well as in Sicily. Rain experienced later over the greater part of these Islands and in Norway, as much as 1·6 in. at Bodö and between 0·3 in. and 0·4 in. in Ireland.

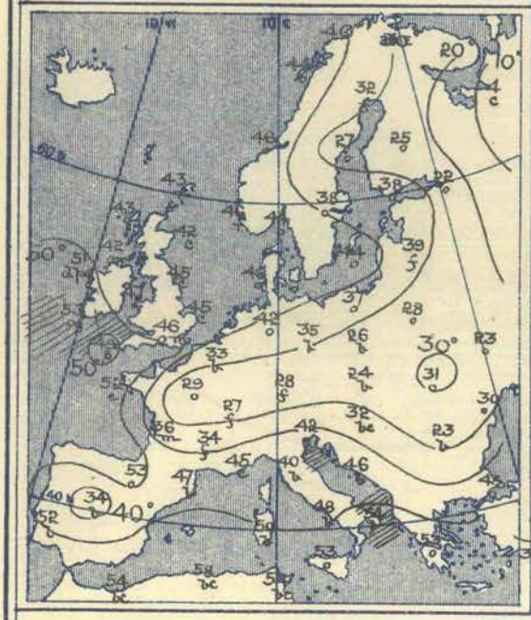
TEMPERATURE risen over Ireland and Scotland, and also at many Scandinavian and Finnish stations, fallen in nearly all other regions. Readings at 8 a.m. between 50° and 60° in the far south and about 50° on our own south-west coasts, but readings decreasing to below 32° in various parts of Central and Northern Europe, and to 7° at Archangel. Thermometer remaining below the freezing point throughout the day in many northern localities, and not much exceeding 40° at most central stations. Maxima 60° or above in the extreme south of our area, and as high 73° at Sfax.

WIND in morning moderate to strong from the Southward over the north and west of these Islands and along the west coast of Norway, moderate from the Westward over Sweden, and from the North-Westward or Northward over Finland and Russia. Light variable airs prevailing over the central countries, and moderate winds, mainly from the Northward, over Italy and its vicinity. Southerly current extending to England by evening and increasing somewhat in force; but a Westerly breeze appearing in the west of Ireland. Not much change occurring on the Continent, but a Southerly gale setting in at Skudesnaes.

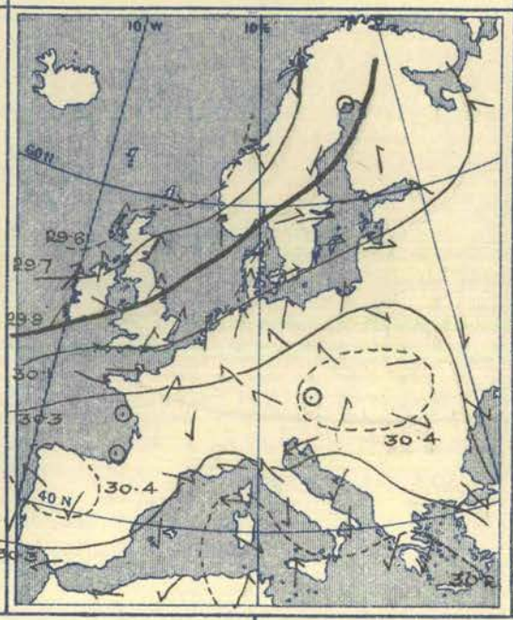
BAROMETER ranging from above 30·4 ins. in anticyclonic system over Germany and the Low Countries to less than 29·9 ins. off our north-west coasts, and to below 29·7 ins. in the southern part of Russia. Relatively low over the Mediterranean region. Depression spreading over the United Kingdom during day and anticyclone travelling eastwards to Hungary and Poland. Pressure increasing again by evening on the south coast of Ireland.

Thursday, 15th November, 1906.

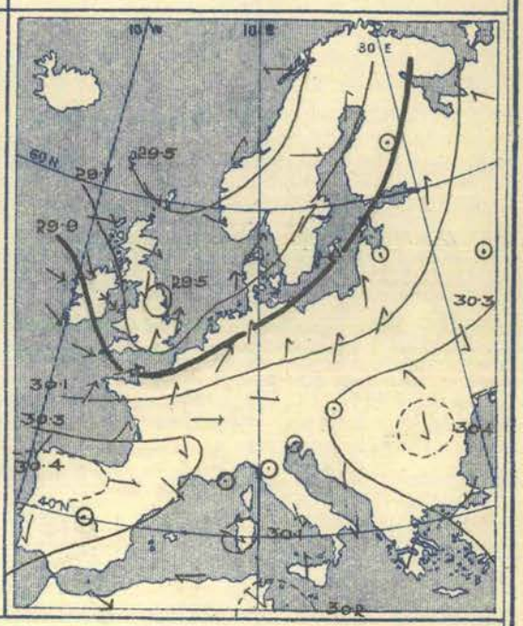
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. rainy over our own western and north-western districts and in the west of Norway, and overcast in many other localities; fair over the major portion of the Continent, but with fog in various parts of France and South Germany. Rain becoming general later over the United Kingdom, France, Germany, and Scandinavia, but all measurements reported less than half an inch.

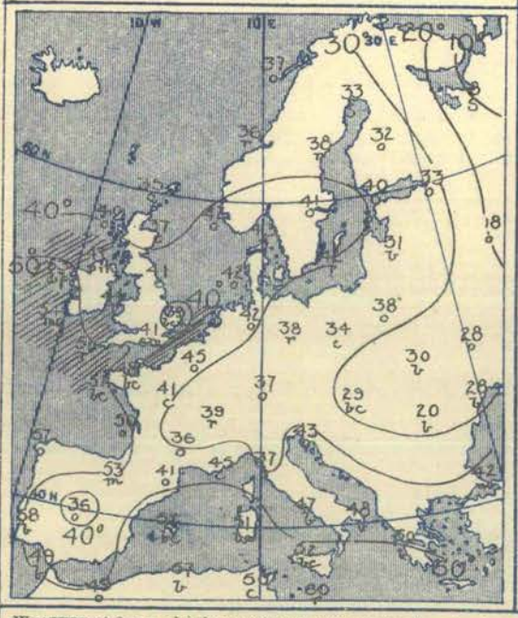
TEMPERATURE changed very irregularly, fallen in most parts of Central Europe. Readings in morning as low as 4° at Archangel, and below 32° in many districts both in Central and Northern Europe. About 50° in the west and south of our Islands, and at most stations in Southern Europe, and as high as 60° at La Calle. Maxima during day below 40° at some stations in Central Europe, and not much above 50° in several southern regions. Thermometer only touching 57° at Nice and 55° at Athens.

WIND in morning light or moderate to strong from the South-Westward over the United Kingdom and the other north-western countries, and light and mainly Northerly over the Mediterranean region. A well-marked anticyclonic circulation prevailing over the central countries. A cyclonic movement, strong to a gale in force, springing up over this country during day, and some increase in force taking place over the western countries as a whole.

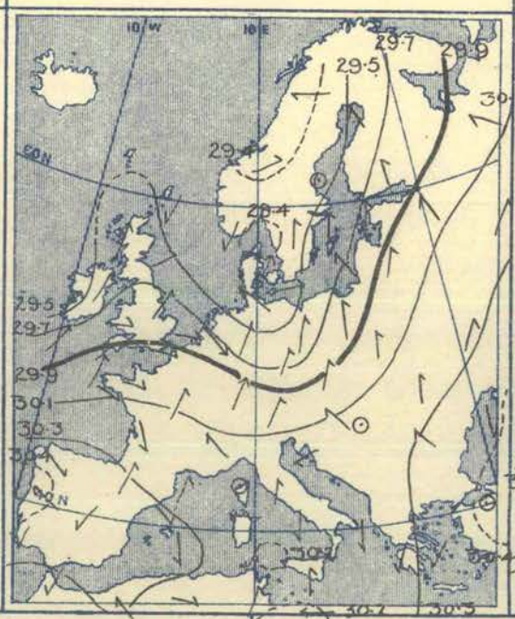
BAROMETER in morning above 30·4 ins. in a high pressure system having its maximum near Buda-Pesth and only slightly lower over Spain. Below 29·6 ins. off our own north-west and north coasts and relatively low over the Mediterranean. A rather deep depression apparently forming over the Irish Sea during day and subsequently travelling quickly eastwards to the North Sea off the coast of Yorkshire. Continental high pressure system moving south-eastwards, and Spanish anticyclone showing some tendency to extend westwards.

Friday, 16th November, 1906.

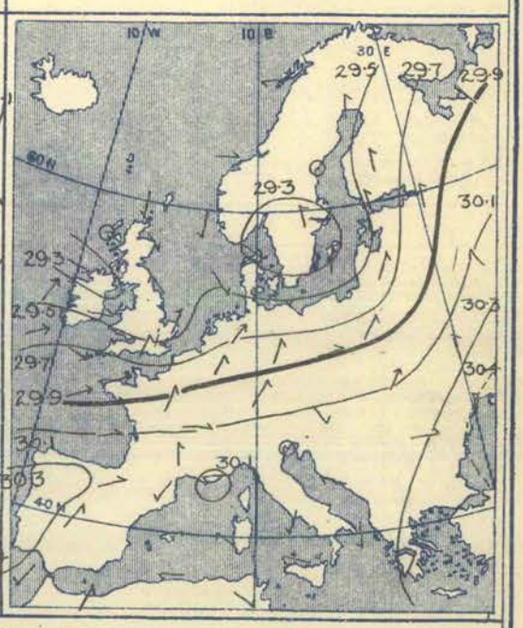
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. cloudy or overcast over nearly all parts of our Islands, with rain in several localities, and sleet at Wick. Fair or fine over the Mediterranean region and the Spanish Peninsula, as well as in the south of Russia, but rainy at some stations in France, and dull and rainy at many places over the northern half of the Continent; snow falling at Haparanda and Archangel. Rain experienced later over the western countries, and also over Germany and Italy. Largest amounts 0·6 in. at Malin Head and Aix-la-Chapelle.

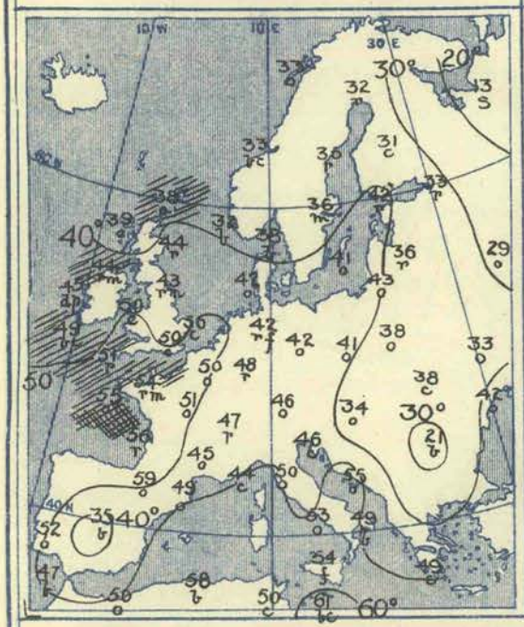
TEMPERATURE risen over France, Central Europe, and Finland, fallen in most other regions. Readings in morning much below 32° over the major portion of Russia and as low as 8° at Archangel. Not much above 32° in the north of Scotland, but 54° in the south-west of Ireland and 50° at Portland Bill. Above 50° at many stations on the shores of the Mediterranean and decreasing to 36° at Madrid and Lyons. Thermometer rising to 72° at Sfax during day and to between 60° and 70° at many other southern stations. Maxima only about 40° in various localities in the central countries and no higher than 40° at Nairn, but above 50° over our Islands generally.

WIND in morning strong from the South Westward along our western coasts and moderate from the Westward over France and the greater part of England; drawing into South over the Baltic and Gulf of Bothnia and into East at Bodö. Light airs from various points prevailing over the south of our area. Wind increasing to a gale from West or South-West on some parts of the English Channel by evening, and increasing somewhat in force over England generally. A Southerly gale reported at Memel at 6 p.m.

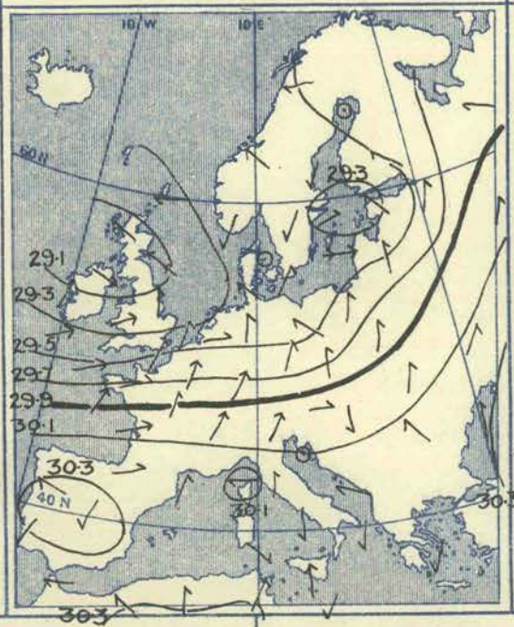
BAROMETER at 8 a.m. above 30·4 ins. both in the extreme south-east and south-west of our area; decreasing to below 29·4 ins. in a depression over the Skager Rack and in another minimum over the north-west of Norway, and to less than 29·5 ins. in a fresh disturbance advancing to the west of Ireland. Depression over the Skager Rack growing deeper during day and that off Ireland appearing over the north-west of our Islands and causing the barometer to fall to below 29·3 ins. in the north of Ireland and the south-west of Scotland.

Saturday, 17th November, 1906.

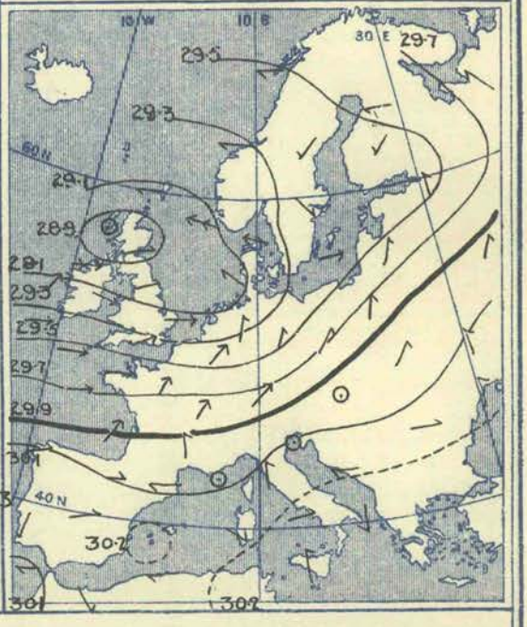
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine in Algeria and fair or fine in several other southern localities, as well as in the west of Norway. Overcast in most other regions, with rain in many places and snow at some of the extreme northern stations. Rain experienced later in almost all the northern parts of our area and also in some southern districts. Largest amounts 1·0 in. at Nairn, 0·8 in. at Dungeness, 0·7 in. at Stornoway and 0·6 in. at Rome and Rochefort.

TEMPERATURE fallen over Ireland and Scandinavia, risen generally elsewhere. Readings in morning about 50° on our south and south-east coasts and on most shores of the Mediterranean, and as high as 61° at Malta. Below 40° over a considerable portion of the Continent, including Madrid, and much below 32° in Transylvania and over the north-east of our area. Lowest reading 13° at Archangel. Rising subsequently to 73° at Oporto, to 70° at Palermo, and to above 60° at various other stations in the south. Maxima below 50° in some parts of Central Europe and in the north and north-west of our Islands, and below 32° in the extreme north of our area.

WIND in morning strong to a gale from West or South-West over all the more southern parts of these Islands and the north of France, and light to fresh from the South-Eastward in Scotland. A separate cyclonic circulation prevailing over the upper portion of the Baltic, the Westerly current at Wisby blowing a fresh gale. Light winds from no general direction shown over the Mediterranean region. Wind increasing considerably in force later on our west coasts and also in the extreme north of Scotland.

BAROMETER at 8 a.m. above 30·3 ins. both over the Spanish Peninsula and south of Russia; decreasing to below 30·1 ins. in a small depression over the Gulf of Bothnia, to less than 29·3 ins. in another system having its minimum near Stockholm, and to below 29·1 ins. in a more important disturbance over the northern part of these Islands. Latter system growing deeper during day and remaining in almost the same position. Spanish high pressure giving way somewhat.

IV.—TEMPERATURE on the Grass, and in the Ground.

	STATION.	Grass Min.		Mean Earth Temp.	
		No. of Obs. of 30° or less.	Lowest reading.	At 1 foot.	At 4 feet.
			°	°	°
2.	York	—	—	46·3	49·8
	Hull	1	28	44·4	49·7
3.	Cambridge	3	25	—	—
	Dunmow	4	25	—	—
4.	Harrogate	3	26	44·4	46·8
	Sheffield	1	27	44·1	49·2
	Birmingham	3	20	44·5	49·7
	Nottingham	0	31	43·7	48·9
5.	Kew	4	23	44·3	50·9
	Canterbury	0	32	47·4	51·8
	Portsmouth	2	25	46·2	52·1
6.	Glasgow	2	27	—	—
7.	Newton Rigg	4	21	43·7	47·8
	Bettws-y-Coed	1	28	43·1	48·3
	Manchester (Oldham Road)	2	29	42·9	50·1
8.	Llangammarch Wells	4	15	43·6	49·7
	Bath	—	—	46·1	52·9
	Plymouth	—	—	45·5	—
9.	Armagh	2	26	44·9	49·3
	Markree	3	27	—	—
10.	Dublin, Trin. Coll.	2	30	45·4	48·7
11.	Guernsey, Brooklyn	0	31	48·8	53·5

V.—OBSERVATIONS in the UPPER AIR.—Temperature, Humidity and Wind Velocity.

Date of Observation.	Station and its Height above M.S.L.		Heights in feet above Mean Sea Level. Ground Level.	1,660.	3,320	5,000.	6,660.	8,320.	10,000.	Remarks.
1906. November 15th, 10.21 a.m. to 1.12 p.m.	Brighton, 380 ft.	Temperature F.	50°	45°	38°	32°				One 8 ft. kite; 6,800 ft. wire. Max. height, 4,600 ft. Cloud level (scud), 1,750 ft. Clear sky with little strato-cumulus, changing to overcast with heavy rain. Gale in evening.
		Humidity	90%	95%	100%	100%				
		Wind Velocity, m. per hr.	W by N, 15	W by N, 30	—30	W by N, 35				
November 15th, 10.39 a.m. to 11.35 a.m.	Ditcham Park, Petersfield, 400 ft.	Temperature F.	51°	42°	36°					One 9 ft. kite; Max. height, 3,300 ft. Alto cumulus, with scud below; cumulo nimbus to South and North-West. Strong wind and rain in afternoon.
		Humidity	85%	92%	80%					
		Wind Velocity, m. per hr.	SW, 27	—40	—45					
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								

63, Victoria Street, London, S.W. *November 21st, 1906.*

W. N. SHAW, *Director.*

ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE,

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TWENTY-NINTH YEAR. *Vol. XXIII. (New Series.)* No. 47. FORTY-SEVENTH WEEK, ENDING SATURDAY, NOVEMBER 24TH, 1906. [*Price 6d.* *Annual Subscription post paid* £1 10*s.* 0*d.*

I.—GENERAL REMARKS.

Weather was at first rough, cold, and wet, but subsequently became unseasonably mild and generally fair, although falls of rain were still experienced in the far north-west, and the atmosphere was extremely humid. Some precipitation of the early days in Scotland and the North of England, and also at a few southern stations, consisted of snow, sleet, or hail. Thunder and lightning occurred at a few places in England and Wales on Sunday or Monday.

Temperature was above the mean as a whole, the excess varying from nearly 4° in Scotland N., and above 3° generally to less than 2° in the English Channel. Night frosts were experienced during the early part of the period in most districts, and until the middle of the week in Scotland; the lowest minima ranged from 26° in the South and East of England and the East of Scotland to 30° in England N.E. and Scotland W. and to 39° in the English Channel. The absolute maxima, which occurred during the latter half of the period, were abnormally high for the time of year. In the Midland Counties and Ireland S. (at Shrewsbury and Dublin), the shaded thermometer rose to 64° and to readings of 60° or a little above in all other districts.

Rainfall equalled the normal in Scotland E. and exceeded it in Scotland N., England S. and S.W. and the English Channel; elsewhere it was deficient.

Bright Sunshine exceeded the normal in most parts of Great Britain, but was below it in the West and North of Scotland and also over Ireland. The percentage of the possible duration ranged from 29 in England N.E. and S.W. to 11 in Ireland N. and to 8 in Scotland N.

Barometer and Wind.—During the first three days the chief pressure system was a disturbance of considerable intensity that travelled slowly Eastwards over Scotland and the North Sea accompanied in its rear by gales and high winds from some Northerly point on our north-western and western coasts. The depressions that subsequently appeared from the westward remained outside our western and north-western coasts, while a gradual increase of pressure taking place over Central Europe and France, the gradients for Southerly winds become rather steep over these Islands and the current from that quarter blew freshly or strongly in most parts of the Kingdom, and attained the force of a gale in the north-west of Ireland. By the end of the period the barometer was rising decidedly on our north-west coasts and the force of the wind had decreased.

SUMMARY OF TEMPERATURE, RAINFALL, AND DURATION OF BRIGHT SUNSHINE IN THE UNITED KINGDOM, FOR AGRICULTURAL AND SANITARY PURPOSES.

THE WEEK (47th)—November 18th to November 24th, 1906.

DISTRICTS. (See p. 278.)	Temperature. Highest.	Lowest.	Means of Daily Max.	Daily Min.	Daily Mean.	Difference from Av. (35 Yrs.)	Accumulated Number of Day-Degrees. Above 42°	Difference from Av. (25 Yrs.)	Below 42°	Difference from Av. (25 Yrs.)	Rainfall. Number of Rain-Days.	Diff. from Av. (35 Yrs.)	Total Fall.	Difference from Average (35 Yrs.)	Sunshine. Hours recorded.	Diff. from Av. (25 Yrs.)	Percentage of Possible Duration.	Diff. from Av. (25 Yrs.
	°	°	°	°	°	°	Day-deg.	Day-deg.	Day-deg	Day-deg.			Inches.	Inches.			%	%
0. SCOTLAND, NORTH	63?	28	49·8	39·4	44·6	+ 3·7	29	+ 13	7	- 11	6	+ 1	2·09	+0·83	4	- 3	8	- 6
1. SCOTLAND, EAST	62	26	49·4	37·3	43·4	+ 3·0	30	+ 14	13	- 10	5	+ 1	0·70	0·00	12	+ 2	22	+ 4
2. ENGLAND, N.E.	61	30	51·1	39·2	45·2	+ 3·2	34	+ 12	8	- 7	3	- 1	0·26	-0·30	16	+ 4	29	+ 7
Eastern 3. ENGLAND, EAST	62	27	51·0	40·1	45·5	+ 3·0	32	+ 9	5	- 13	4	0	0·33	-0·23	14	+ 2	24	+ 3
4. MIDLAND COUNTIES	64	26	51·7	39·4	45·6	+ 3·5	36	+ 14	7	- 12	4	0	0·49	-0·08	16	+ 6	28	+10
5. ENGLAND, SOUTH	60	26	51·7	42·2	47·0	+ 3·4	35	+ 4	0	- 12	5	+ 1	0·81	+0·13	15	+ 2	25	+ 3
6. SCOTLAND, WEST	60	30	49·9	41·3	45·6	+ 3·3	28	+ 6	2	- 12	4	0	1·03	-0·20	7	- 2	13	- 3
7. ENGLAND, N.W.	63	29	51·5	40·8	46·2	+ 3·1	34	+ 9	3	- 9	4	0	0·55	-0·25	14	+ 4	25	+ 7
Western 8. ENGLAND, S.W.	62	29	52·2	41·3	46·8	+ 2·6	37	+ 4	2	- 7	5	+ 1	1·23	+0·28	17	+ 3	29	+ 5
9. IRELAND, NORTH	60	27	51·6	41·1	46·4	+ 3·4	35	+ 11	3	- 9	5	0	0·68	-0·19	6	- 6	11	-10
10. IRELAND, SOUTH	64	28	53·1	41·7	47·4	+ 2·7	39	+ 5	1	- 9	4	0	0·61	-0·38	12	- 1	21	- 2
11. ENGLISH CHANNEL	60	39	53·7	46·4	50·1	+ 1·7	57	+ 5	0	- 2	3	- 2	1·09	+0·12	17	+ 1	27	+ 2

THE SEASON (**Autumn**).—Aggregates, &c., for the Period of 12 Weeks, September 2nd to November 24th, 1906.

0. SCOTLAND NORTH	89	21	*	*	*	*	608	+109	58	- 30	58	0	12·38	-1·82	252	+ 42	29	+ 5
1. SCOTLAND, EAST	87	23	*	*	*	*	640	+118	81	- 32	50	+ 1	10·76	+2·29	286	+ 42	33	+ 5
2. ENGLAND, N.E.	94	28	*	*	*	*	799	+174	26	- 37	45	+ 1	8·08	+1·09	293	+ 4	33	+ 1
Eastern 3. ENGLAND, EAST	93	26	*	*	*	*	961	+239	14	- 64	41	- 2	8·33	+1·58	345	+ 44	39	+ 5
4. MIDLAND COUNTIES	96	25	*	*	*	*	831†	+166	52†	- 40	47	+ 4	8·33†	+1·14	276	+ 24	31	+ 3
5. ENGLAND, SOUTH	92	26	*	*	*	*	956	+143	10	- 42	46	+ 3	10·49	+2·30	343	+ 37	38	+ 4
6. SCOTLAND, WEST	89	28	*	*	*	*	698	+ 75	35	- 30	45	- 4	11·07	-2·34	271	+ 32	31	+ 4
7. ENGLAND, N.W.	90	27	*	*	*	*	772	+ 80	32	- 12	48	0	9·39	-0·60	293	+ 38	33	+ 4
Western 8. ENGLAND, S.W.	88	21	*	*	*	*	815	+ 54	30	- 8	47	- 1	11·15	+0·12	359	+ 61	40	+ 7
9. IRELAND, NORTH	78	24	*	*	*	*	715	+ 58	45	- 12	56	0	8·49	-1·44	286	+ 44	32	+ 5
10. IRELAND, SOUTH	79	24	*	*	*	*	816	+ 62	32	- 11	52	+ 2	8·75	-1·73	316	+ 31	35	+ 4
11. ENGLISH CHANNEL	82	34	*	*	*	*	1156	+ 99	0	- 4	45	- 8	9·40	-1·16	392	+ 45	43	+ 5

THE YEAR.—Aggregates, &c., for the period of 47 Weeks, December 31st, 1905, to November 24th, 1906.

0. SCOTLAND, NORTH	89	8	*	*	*	*	2032	+ 38	704	+ 57	231	+24	47·17	+3·15	1157	+ 50	28	+ 1
1. SCOTLAND, EAST	88	11	*	*	*	*	2375	+ 99	705	- 12	191	+15	32·03	+3·78	1398	+119	34	+ 3
2. ENGLAND, N.E.	94	18	*	*	*	*	2949	+407	490	- 59	168	+ 9	22·42	- 0·47	1542	+110	37	+ 8
Eastern 3. ENGLAND, EAST	93	23	*	*	*	*	3325	+374	427	-183	146	- 9	22·03§	+0·09	1754	+250	42	+ 6
4. MIDLAND COUNTIES	96	18	*	*	*	*	3155†	+288	538†	- 96	163	+ 5	23·06†	- 1·69	1501	+190	36	+ 5
5. ENGLAND, SOUTH	92	20	*	*	*	*	3354	+144	361	- 81	158	+ 4	26·06	+1·11	1802	+256	44	+ 6
6. SCOTLAND, WEST	89	14	*	*	*	*	2597	+123	454	- 32	191	+ 7	42·26	- 0·76	1399	+ 89	34	+ 2
7. ENGLAND, N.W.	90	16	*	*	*	*	2862	+115	411	- 25	184	+13	32·87	+2·01	1469	+147	35	+ 4
Western 8. ENGLAND, S.W.	88	19	*	*	*	*	3131	+ 67	357	+ 23	181	+12	37·09	+2·65	1660	+175	40	+ 4
9. IRELAND, NORTH	84	20	*	*	*	*	2612	- 24	400	- 11	228	+22	33·61	+0·50	1316	+ 90	32	+ 2
10. IRELAND, SOUTH	81	24	*	*	*	*	3141	+118	296	- 11	210	+26	32·46	-3·85	1451	+ 38	35	+ 1
11. ENGLISH CHANNEL	89	27	*	*	*	*	3723	+ 85	79	- 39	173	- 6	26·10	-4·02	1890	+ 89	46	+ 2

† The corresponding values for some previous weeks have been altered owing to the receipt of further information.

Bright Sunshine.—For certain of the Districts the values of Bright Sunshine in this Table are based on the records from a part only of the Stations included in Table II. For certain of the Stations Mean Values are not available, and for the Districts containing these Stations the "Difference from Average" is based on the records from a smaller number of Stations than those supplying the values for "Hours Recorded."

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III.—DATA from which the SUMMARY on page 277 has been calculated.

November 18-24, 1906.

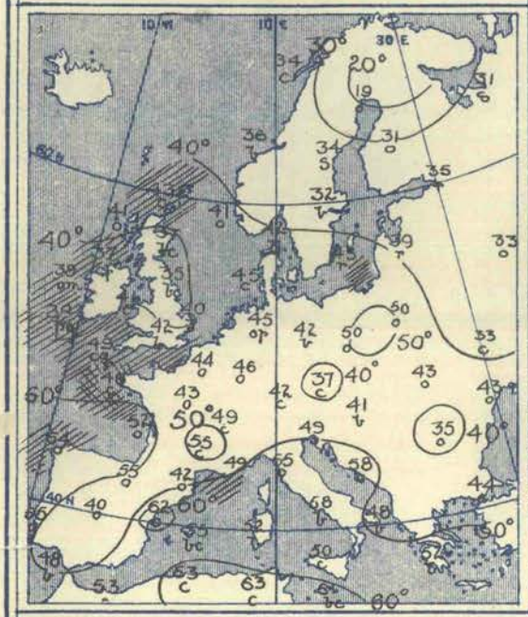
Districts	Names of Stations	Temperature. In Degrees Fahrenheit. Highest observed.	Lowest observed.	Mean for the Week. Of Highest each day.	Of Lowest each day.	For whole of each day.	Difference of Daily Average from Mean for the Week.	Accumulated Heat for the Week (in Day-degrees). Above 42°	Below 42°	Rainfall. Number of Rain-Days.	Rainfall in the Week.	Difference from the Mean for the Week.	Bright Sunshine. Number of Hours recorded.	Difference from the Mean for the Week.	Percentage of possible duration.	Difference from the Mean for the Week.
		°	°	°	°	°	°	Day-deg	Day-deg		Inches.	Inches.	Hrs.	Hrs.	%	%
0. SCOTLAND, N.	†Sumburgh Head (Deerness)	54	35	48·7	40·0	44·4	+ 2·5	25	6	7	1·44	+ 0·50	8·2	+ 1·1	17	+ 2
	Wick	59	32	51·1	39·6	45·4	+ 4·4	34	7	4	1·51	+ 0·86	*	*	*	*
	†Lairg (Strathpeffer)	? 63	28	50·3	37·7	44·0	+ 5·4	32	12	7	1·45	+ 0·61	3·7	- 4·4	7	- 9
	Stornoway	56	30	49·7	39·7	44·7	+ 2·8	29	6	7	2·23	+ 0·98	2·1	- 6·9	4	- 11
	Glencarron	60	31	49·0	36·3	42·7	+ 2·6	29	16	7	4·23	+ 2·10	*	*	*	*
	Fort Augustus	59	31	49·8	40·9	45·4	+ 4·5	28	3	5	1·04	+ 0·02	1·7	- 1·4	3	- 5
	Fort William	60	33	50·1	41·4	45·8	+ 3·5	29	2	7	2·71	+ 0·75	*	*	*	*
1. SCOTLAND, E.	Nairn	62	29	51·6	37·7	44·7	+ 4·3	37	12	7	1·36	+ 0·86	15·1	—	29	—
	Aberdeen	59	30	50·0	38·4	44·2	+ 2·9	31	10	3	0·61	- 0·14	9·6	- 2·1	19	- 4
	†Balmoral (Crathes)	58	26	47·4	33·3	40·4	+ 2·8	15	35	5	? 3·09	? + 2·21	8·0	—	15	—
	†Clathick (Balruddery)	57	30	49·0	38·0	43·5	+ 3·1	27	11	7	0·77	- 0·26	9·3	—	18	—
	†Leith (Edinburgh)	62	35	53·4	41·6	47·5	+ 5·0	40	1	4	0·23	- 0·23	19·2	+ 10·6	36	+ 20
	Marchmont	55	27	45·1	35·0	40·1	+ 0·1	9	27	2	0·46	- 0·21	8·0	- 2·5	15	- 5
2. ENGLAND, N.E. — Northern part.	†Alnwick Castle (Cockle Park)	60	30	51·3	38·6	45·0	+ 3·3	35	10	4	0·34	- 0·49	18·7	—	35	—
	†Shields (Newcastle)	60	30	51·7	38·0	44·9	+ 2·5	37	11	3	0·10	- 0·46	10·3	+ 3·6	19	+ 6
	Durham	60	31	49·3	38·8	44·1	+ 3·2	28	9	2	0·04	- 0·56	12·5	+ 1·0	23	+ 2
	Scarborough	60	33	50·2	40·3	45·3	+ 2·5	30	5	4	0·48	- 0·17	12·5	—	22	—
	York	61	30	51·2	38·6	44·9	+ 3·0	35	10	4	0·48	- 0·02	14·7	+ 6·7	26	+ 12
2. ENGLAND, N.E. — Southern part.	†Spurn Head (Saltburn)	59	33	51·1	40·7	45·9	+ 2·4	33	4	2	0·08	- 0·36	15·8	—	29	—
	†Lincoln (Skegness)	60	30	52·2	39·0	45·6	+ 4·1	38	8	4	0·37	- 0·09	20·2	—	35	—
	†Fulbeck (Rauceby)	59	30	51·9	39·6	45·8	+ 4·8	37	7	4	0·21	- 0·25	17·9	—	31	—
	(Cromer)												21·2	—	37	—
3. ENGLAND, E. — Northern part.	Hillington	55	27	49·7	38·9	44·3	+ 3·0	29	9	5	0·17	- 0·46	10·7	- 0·9	19	- 3
	†Yarmouth (Lowestoft)	59	33	50·3	40·0	45·2	+ 2·5	31	6	4	0·12	- 0·49	17·4	—	30	—
	Geldeston	62	28	51·0	39·5	45·3	+ 2·7	34	7	4	0·16	- 0·40	15·1	+ 1·7	26	+ 3
	(Dunmow)												10·4	—	18	—
3. ENGLAND, E. — Southern part.	Cambridge	62	27	51·3	39·5	45·4	+ 3·8	34	7	2	0·17	- 0·30	15·1	+ 2·5	26	+ 4
	Felixstowe	58	31	51·4	40·3	45·9	+ 2·6	34	5	5	0·45	—	15·8	—	27	—
	Clacton-on-Sea	56	34	49·9	41·7	45·8	+ 2·9	28	1	4	0·45	—	15·7	—	27	—
	Rothamsted	60	29	51·4	38·8	45·1	+ 3·5	35	9	6	0·42	- 0·20	12·5	- 0·1	22	0
	†Shoeburyness (Southend)	60	33	51·4	41·6	46·5	+ 2·8	33	1	4	0·60	+ 0·12	12·0	—	20	—
	London, Westminster	61	29	52·4	40·3	46·4	+ 3·4	38	5	3	0·44	- 0·10	9·6	+ 4·3	16	+ 7
4. MIDLAND COUNTIES. — Eastern part.	Harrogate	57	29	50·7	38·5	44·6	+ 3·5	33	10	4	0·39	- 0·25	18·8	—	34	—
	†Bawtry (Worksop)	60	30	52·1	38·6	45·4	+ 3·8	38	10	4	0·33	- 0·04	14·4	+ 4·8	25	+ 9
	Nottingham	59	28	51·9	39·0	45·5	+ 3·7	37	8	4	0·27	- 0·19	10·7	—	19	—
	†Colly Weston (Oundle)	61	28	53·1	39·7	46·4	+ 4·7	43	6	6	0·23	- 0·31	15·1	—	26	—
	Birmingham, Edgbaston	60	30	49·7	40·4	45·1	+ 2·9	28	4	3	0·52	0·00	10·1	—	17	—
	Oxford	61	28	52·7	40·1	46·4	+ 3·8	39	5	3	0·45	- 0·07	18·2	+ 6·0	31	+ 10
4. MIDLAND COUNTIES. — Western part.	†Cheadle (Sheffield)	58	28	47·8	38·8	43·3	+ 2·8	23	9	4	1·23	+ 0·56	19·5	—	34	—
	Shrewsbury	64	29	52·0	38·5	45·3	+ 1·6	38	10	3	0·54	—	*	*	*	*
	Hereford	62	28	52·1	39·8	46·0	+ 3·9	37	6	4	0·43	- 0·17	*	*	*	*
	Cirencester	60	26	52·6	38·4	45·5	+ 4·3	40	10	5	0·48	- 0·19	17·8	+ 5·8	31	+ 10
	Bath	60	30	53·9	41·9	47·9	+ 3·9	42	0	3	0·48	- 0·20	21·3	—	36	—
	(Margate)												16·3	+ 3·3	28	+ 6
5. ENGLAND, S.	Kew	60	36	50·9	41·8	46·4	+ 3·6	32	1	3	0·54	+ 0·07	11·7	+ 1·0	20	+ 2
	Wisley, Surrey	60	30	52·1	41·8	47·0	+ 3·4	36	1	5	0·51	—	11·9	—	20	—
	†Swarraton (Ventnor)	59	26	51·3	39·4	45·4	+ 3·7	35	7	6	0·70	- 0·02	17·4	+ 3·1	29	+ 5
	Tunbridge Wells	57	29	50·6	40·4	45·5	+ 3·5	31	4	7	1·35	+ 0·59	11·6	- 2·8	20	- 5
	†Dungeness (Littlestone)	56	33	51·7	42·6	47·2	+ 2·5	36	0	5	1·14	+ 0·52	13·7	—	23	—
	Hastings	58	33	51·5	43·2	47·4	+ 3·1	38	0	5	0·91	+ 0·14	14·5	- 0·8	25	- 1
	Southampton	59	31	51·6	42·4	47·0	+ 3·0	35	0	4	0·79	+ 0·05	13·9	+ 0·5	24	+ 1
	†Portland Bill (Worthing)	57	39	53·7	46·1	49·9	+ 4·6	55	0	6	0·55	—	18·4	—	31	—
	(Eastbourne)												17·5	+ 3·9	30	+ 7
6. SCOTLAND, W.	†Laudale (Oban)	60	35	50·9	41·7	46·3	+ 3·5	31	1	6	2·92	+ 0·96	2·1	—	4	—
	Glasgow	57	33	49·0	41·5	45·3	+ 3·7	25	1	4	0·41	- 0·46	6·7	+ 1·9	13	+ 4
	Dumfries	56	30	48·5	40·8	44·7	+ 3·3	24	3	4	0·16	- 0·79	*	*	*	*
	Cally	56	30	51·0	39·7	45·4	+ 3·7	33	6	4	0·44	- 0·80	*	*	*	*
	Douglas, Isle of Man	55	32	50·0	42·7	46·4	+ 2·2	31	0	4	1·21	+ 0·09	7·7	- 5·1	14	- 9
7. ENGLAND, N.W.	Aspatria	56	33	49·6	41·5	45·6	+ 4·3	27	1	3	0·20	- 0·76	10·8	—	20	—
	Newton Rigg	57	29	48·7	39·7	44·2	+ 4·3	25	6	3	0·07	- 0·79	14·1	+ 3·7	26	+ 7
	Stonyhurst	58	31	49·2	39·2	44·2	+ 2·6	27	8	4	0·51	- 0·49	9·2	+ 0·2	16	0
	Blackpool	60	33	51·5	39·5	45·5	+ 2·8	35	7	5	0·36	- 0·42	12·9	+ 3·5	23	+ 6
	Manchester, Prestwich	58	31	50·2	39·7	45·0	+ 3·3	31	6	5	0·66	- 0·11	9·6	+ 3·5	17	+ 6
	†Liverpool Obs. (Hoylake)	61	31	53·1	41·0	47·1	+ 3·8	40	3	3	0·41	- 0·20	18·0	—	32	—
	†Hawarden Bridge (Southport)	63	31	55·4	42·2	48·8	+ 4·6	48	0	3	0·53	+ 0·01	15·8	—	28	—
NORTH WALES	Llandudno	62	35	53·1	43·6	48·4	+ 3·1	45	0	2	0·86	+ 0·11	19·4	+ 7·9	34	+ 14
	†Holyhead (Aberdovey)	56	37	51·6	39·4	45·5	- 0·3	35	7	4	0·99	- 0·05	17·2	—	30	—
	Bettws-y-Coed	62	33	52·4	42·6	47·5	+ 2·2	39	0	5	1·00	—	16·0	—	28	—
SOUTH WALES	Llangammarch Wells	58	29	51·5	36·8	44·2	+ 1·5	37	15	4	1·36	—	17·6	—	30	—
	Pembroke	56	39	52·6	44·6	48·6	+ 1·8	46	0	4	1·40	+ 0·47	15·1	+ 1·7	26	+ 3
	†Cardiff (Aberystwyth)	62	29	53·1	39·1	46·1	+ 1·6	41	8	7	1·27	+ 0·32	17·3	—	30	—
8. ENGLAND, S.W.	†Clifton (Torquay)	60	33	53·6	42·6	48·1	+ 4·1	43	0	3	0·55	- 0·19	19·2	+ 5·2	32	+ 9
	†Shaftesbury (Marlborough)	56	31	50·4	40·9	45·7	+ 3·7	31	3	5	0·43	- 0·39	14·7	+ 4·0	25	+ 7
	†Arlington (Newquay)	57	32	51·9	41·1	46·5	+ 3·3	35	3	5	1·99	+ 0·70	22·1	+ 6·1	37	+ 10
	Cullompton	60	32	52·5	40·3	46·4	+ 3·0	38	5	5	1·18	+ 0·34	13·2	+ 1·7	22	+ 3
	Plymouth															
	Falmouth	57	38	52·3	45·3	48·8	+ 1·5	48	0	6	1·64	+ 0·44	17·4	+ 1·8	29	+ 3
9. IRELAND, N. — Western part.	Malin Head	59	34	52·0	40·7	46·4	+ 3·1	36	4	6	0·58	- 0·18	*	*	*	*
	Edenfel	59	27	51·3	38·1	44·7	+ 3·7	35	11	4	0·70	- 0·11	*	*	*	*
	Blacksod Point	56	34	52·0	43·1	47·6	+ 2·2	39	0	7	1·02	- 0·24	*	*	*	*
	Markree Castle	59	31	51·6	42·9	47·3	+ 4·9	37	0	6	0·32	- 0·12	3·1	- 7·9	6	- 14
9. IRELAND, N. — Eastern part.	Armagh	60	30	50·6	41·7	46·2	+ 4·3	31	1	3	0·60	- 0·08	8·6	- 3·1	15	- 6
	Donaghadee	57	31	52·0	40·3	46·2	+ 2·4	37	5	4	0·36	- 0·39	*	*	*	*
10. IRELAND, S. — Eastern part.	†Dublin, City (Phœnix Park)	64	33	53·9	43·7	48·8	+ 4·1	48	0	2	0·21	- 0·40	16·8	+ 2·1	30	+ 4
	Kilkenny	59	28	52·1	38·7	45·4	+ 1·9	38	9	3	0·20	- 0·53	*	*	*	*
	Waterford	59	28	52·3	41·3	46·8	+ 2·6	37	2	3	0·70	- 0·24	*	*	*	*
10. IRELAND, S. — Western part.	Birr Castle	60	29	53·3	38·6	46·0	+ 3·6	42	10	3	0·18	- 0·55	14·0	+ 0·4	25	+ 1
	Foynes	61	32	54·1	43·1	48 6	+ 4·2	46	0	4	0·33	- 0·64	*	*	*	*
	Killarney	59	30	54·4	42·0	48·2	+ 3·0	43	0	6	1·29	- 0·14	*	*	*	*
	Valencia	58	34	53·3	43·6	48·5	+ 1·3	46	0	6	1·09	- 0·40	8·1	- 5·9	14	- 10
	†Roches Point (Ballinacurra)	55	34	51·6	42·3	47·0	+ 0·7	35	0	5	0·97	- 0·14	10·1	—	17	—
11 ENGLISH CHANNEL	Scilly, St. Mary's	56	44	53·1	46·7	49·9	+ 0·5	55	0	7	0·91	+ 0·04	20·2	+ 3·9	34	+ 7
	†Jersey, St. Aubins (St. Heliers)	59	41	53·9	46·1	50·0	+ 2·2	56	0	6	1·13	+ 0·19	14·9	- 1·8	24	- 3
	Guernsey	60	39	54·2	46·5	50·4	+ 2·4	59	0	7	1·24	+ 0·14	14·5	+ 1·5	24	+ 3

Information for Stations marked Ⓜ is supplied by the Royal Meteorological Society, and that for Stations marked Ⓢ is supplied by the Scottish Meteorological Society.
* An Asterisk is inserted in all places for which the information is not usually given.
† There is no Sunshine Recorder in use at this Station. The figures entered for Sunshine are those recorded at a Station in the same district of which the name is given in brackets.

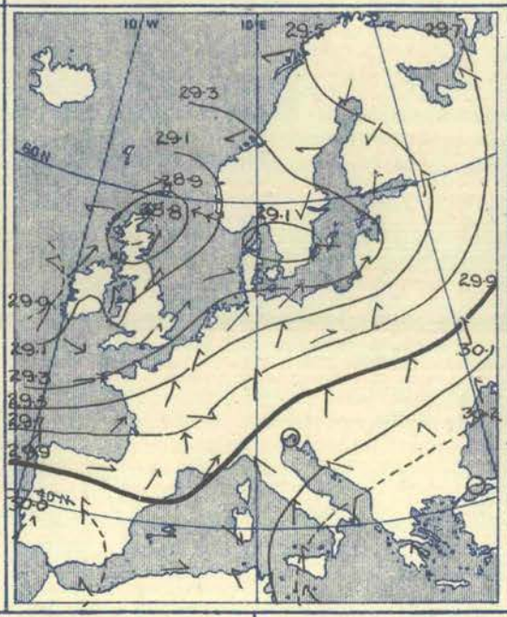
Additional Sunshine Totals for the week: Ramsgate, 16·4 hrs., 28 %; Brighton, 17·6 hrs. (+ 3·5), 30 % (+ 6 %); Bournemouth, 15·6 hrs., 27 %; Bognor, 18·6 hrs., 32 %; Rhyl, 15·9 hrs., 28 %; Tenby, 20·2 hrs. (+ 6·7), 35 % (+ 12 %).

Sunday, 18th November, 1906.

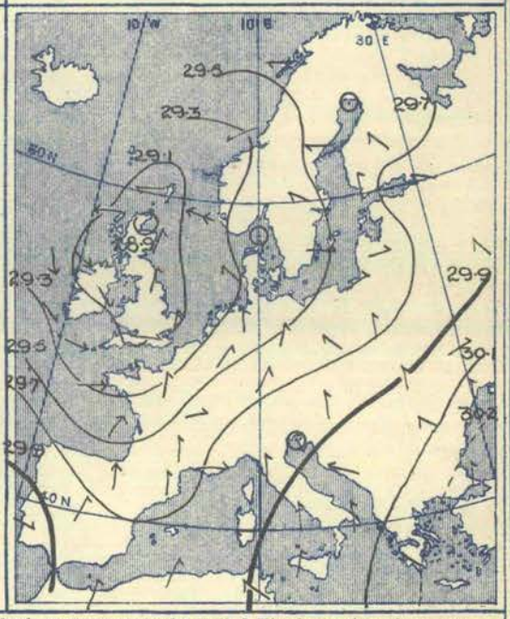
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine at some stations in the far south and temporarily fair at a few places elsewhere, but overcast skies reported from the major portion of Europe and the United Kingdom, and rain in many districts; sleet falling at Nairn and snow at Archangel. Considerable quantities of rain, sleet, or hail experienced later in these Islands, rain over France, Italy, and Germany. Measurements of rain very large at some French stations, as much as an inch in many places, 2·2 ins. at Nice, and 2·4 ins. at Lyons. Thunderstorms occurring at Trieste, Lyons, and Biarritz.

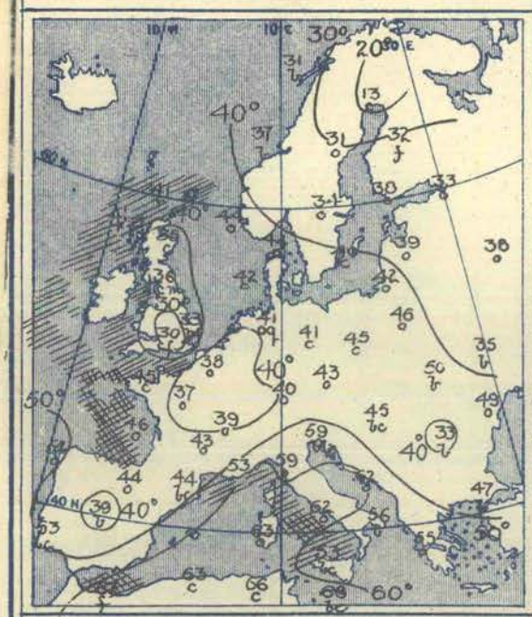
TEMPERATURE fallen generally. Readings in morning above 60° at some southern stations, but below 50° over our area as a whole and much below the freezing point in the extreme north. Lowest readings in these Islands, 33° at Nairn and 32° at Donaghadee and Birr Castle. Maxima during day below 40° at some of our own north-western and northern stations, but above 50° in most parts of France and Central Europe and above 60° in the south. Thermometer rising to nearly 80° at Algiers and La Calle, under the influence of the sirocco. Sharp frost at night over England.

WIND in morning moderate to fresh or strong over the United Kingdom and north-western Europe generally. Two cyclonic circulations prevailing—one round the north of Scotland and the other around the south of Sweden. Light to moderate breezes from various directions shown over the Mediterranean. Some reduction in force taking place subsequently in most places.

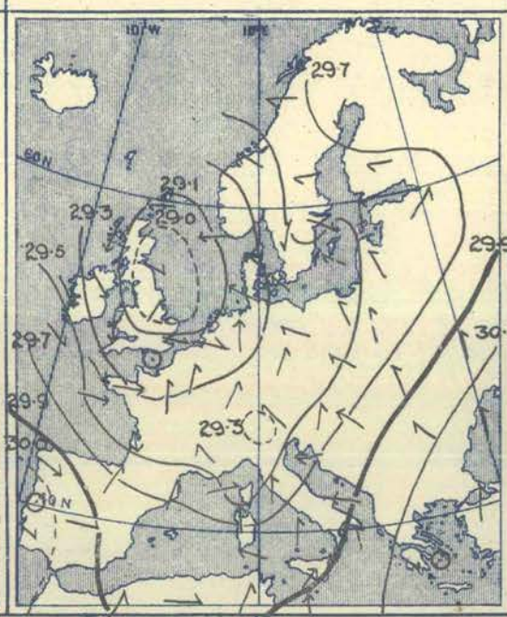
BAROMETER in morning ranging from above 30·2 ins. in the south-east of our area and 30·0 ins. in the south-west, to less than 29·1 ins. in an elongated depression over the south of Sweden, and to 28·8 ins. in a disturbance having its minimum over Caithness and its vicinity. Swedish system disappearing by evening and that over Scotland becoming rather less deep. A considerable modification in the pressure distribution over these Islands occurring in consequence of the prevalence of small secondary minima. Gradients decreasing except over the Bay of Biscay.

Monday, 19th November, 1906.

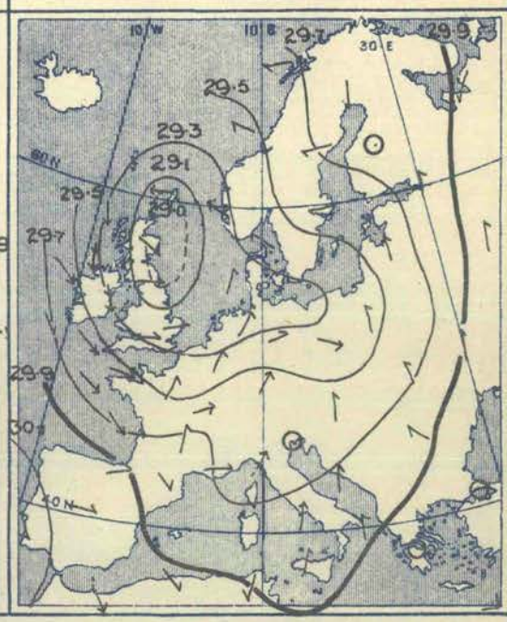
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fair or fine in the south-eastern parts of our area, in the west of Norway, and in a few scattered localities elsewhere. Overcast as a whole, with rain at several stations both in our Islands and on the Continent, and fog at Oporto and in some parts of England. More or less rain experienced during the ensuing twenty-four hours in almost all parts of our area—more than half an inch in Scotland, 1·5 in. at Biarritz (where there was a thunderstorm), and 2·7 ins. at Florence.

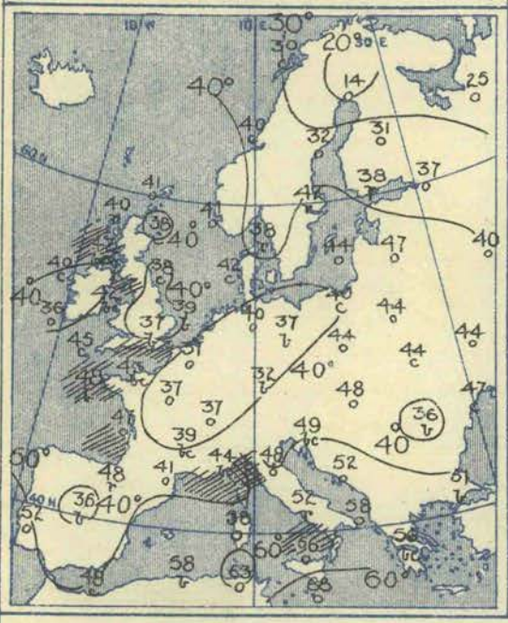
TEMPERATURE risen in the west and north of our Islands and in many parts of Southern Europe, fallen generally elsewhere. Readings at 8 a.m. ranging from 68° at Malta and Sfax and about 60° at several other stations in the region of the Mediterranean, to below 40° over a considerable portion of our area, and to below the freezing point over Central England and in the far north of Europe. Lowest reading, 13° at Haparanda. Maxima during day less than 45° over the major part of this country and less than 50° in some French localities, but thermometer rising to above 65° over the southern countries and to above 70° in places. Highest values, 75° at Palermo and 77° at Tunis.

WIND in morning showing a vast cyclonic movement around our Islands and the North Sea. Moderate in force as a whole, but Easterly current blowing a gale at Skudesnaes, and that from the northward strong to a gale on our western coasts. Strong North-Westerly winds prevailing over the Bay of Biscay, moderate to very strong winds, mainly from South or South-West, over the Mediterranean and Italy, and light winds from between South and East over Russia. No change of importance occurring during day except an increase in force on our western coasts.

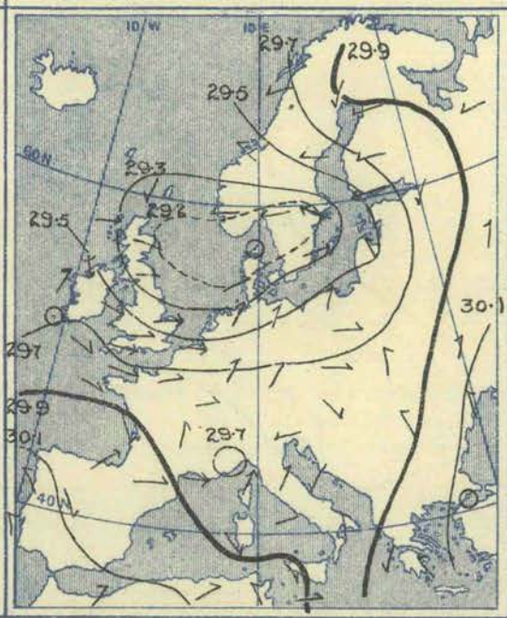
BAROMETER in morning varying from above 30·2 ins. in the south of Russia and 30·0 ins. in Portugal to below 29·0 ins. in a depression having its minimum over the North Sea not far from Aberdeen. Several small disturbances of a secondary nature found over various parts of our area. General distribution undergoing little modification during day; gradients increasing in most parts of the United Kingdom.

Tuesday, 20th November, 1906.

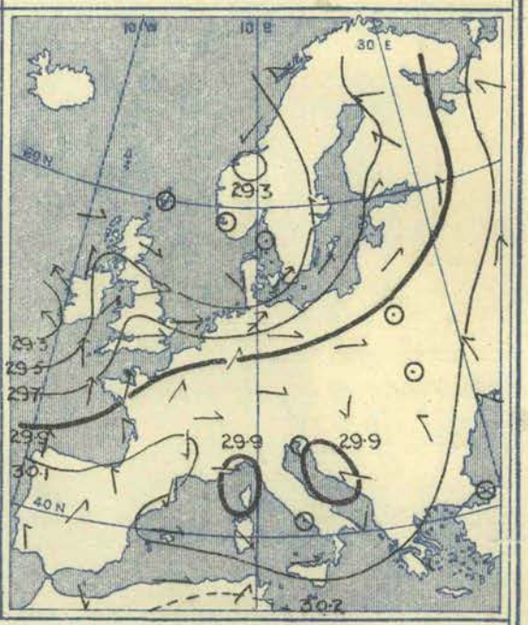
Temperature and Weather. — 8 a.m.



Barometer and Wind. — 8 a.m.



Barometer and Wind. — 6 p.m.



WEATHER at 8 a.m. fair or fine in many parts of the United Kingdom, France, the Spanish Peninsula, and Algeria, as well as in various localities elsewhere. Rainy in the extreme north-west of our Islands, the south of Scandinavia, and at Naples and Biarritz. Rain falling later in most parts of this country, as much as 1·05 in. at Pembroke, and also over the greater portion of the Continent.

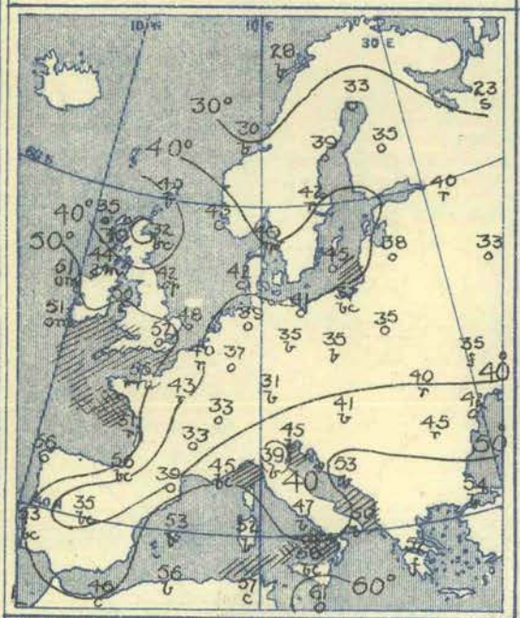
TEMPERATURE risen over Great Britain, fallen in most other regions. Readings in morning ranging from 14° at Haparanda and below 32° in the extreme north generally, as well as at Birr Castle, to above 40° over the central countries, above 50° in the south, and to above 60° at a few stations. Highest value 68° at Malta. Thermometer rising very generally over this country during day and becoming high for the time of year by night. Maxima as high as 78° at Athens and La Calle and 75° at Malta, but only 50° in the north of Italy.

WIND in morning showing a very extensive cyclonic movement around the North Sea; fresh or strong generally, with a gale at Malin Head. A light South-West breeze prevailing in the West of Ireland. Strong winds between South and South-East setting in by evening over all our western and south-western districts. Westerly wind increasing to a very strong breeze at the Helder and to a fresh gale at the mouth of the Elbe.

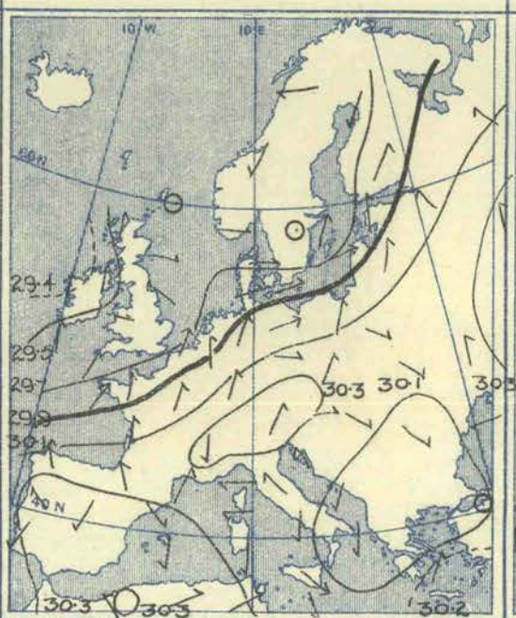
BAROMETER in morning above 30·1 ins. both in the south-east and south-west of our area and decreasing to below 29·2 ins. in a large disturbance having its minimum near the Skager Rack. Relatively low in a secondary minimum near Nice. Main depression becoming much less deep later in day and another depression appearing off the South-West of Ireland and causing a decided fall of the barometer over our south-western districts. South-Western high pressure system extending eastwards and north-eastwards towards Central Europe.

Wednesday, 21st November, 1906.

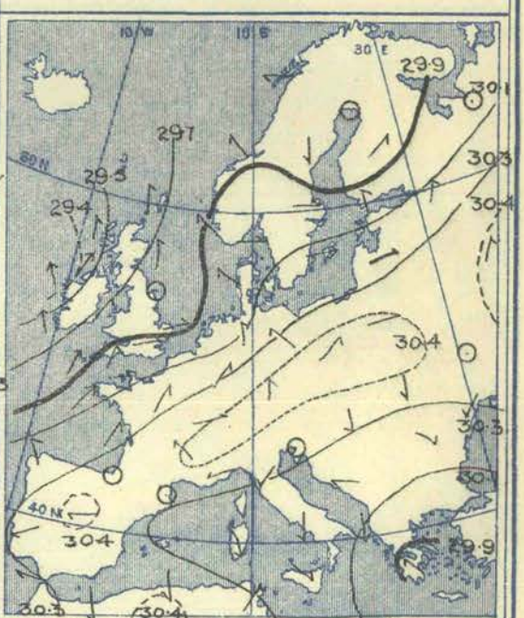
Temperature and Weather. — 8 a.m.



Barometer and Wind. — 8 a.m.



Barometer and Wind. — 6 p.m.



WEATHER at 8 a.m. fine and bright at nearly all places in the centre and south of our area, and also in Scotland and along the west coast of Norway; overcast in most other regions, with rain in various French, Belgian, and Dutch localities, and at some stations in England and Ireland. Rain also falling at Lemberg, Hermanstadt, and St. Petersburg, and snow at Archangel. Slight amounts of rain experienced later in most parts of these Islands and France and as much as 1·1 in. at Hermanstadt.

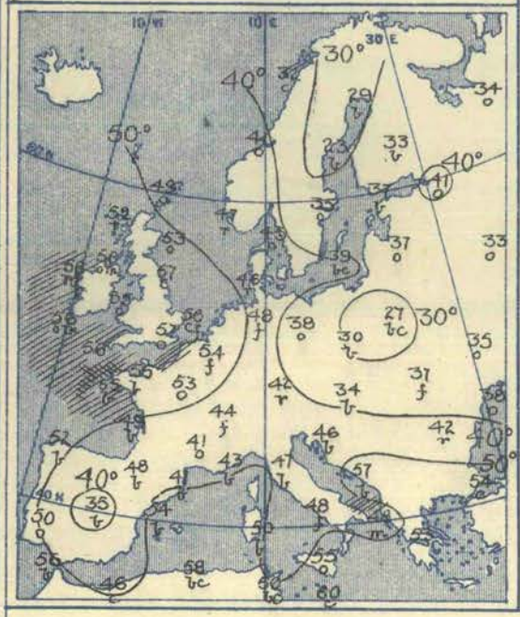
TEMPERATURE risen in Finland, France, England, and Ireland—very quickly at most of our own stations. Fallen quickly in Scotland, and some degrees over the major portion of the Continent. Readings in morning below 32° over a considerable portion of Scotland, but above 50° at many English and Irish stations; below 40° over nearly the whole of central and northern Europe, and below 25° at Archangel. Thermometer above 50° on some shores of the Mediterranean and as high as 61° at Malta. Maxima during day extremely high for the season in our Islands—61° at Leith, 60° at Birr Castle, 59° at Liverpool and Bath, and 58° in London and in several other localities. Subsequent night abnormally mild.

WIND in morning Southerly over the United Kingdom and France generally but variable in Scotland and the South-East of France. Of little strength as a whole, but fresh or strong on the shores of the English Channel. A light anticyclonic movement shown over Central Europe, and a cyclonic circulation over the south-east of our area. North-Westerly current blowing very strongly at Palermo and Malta.

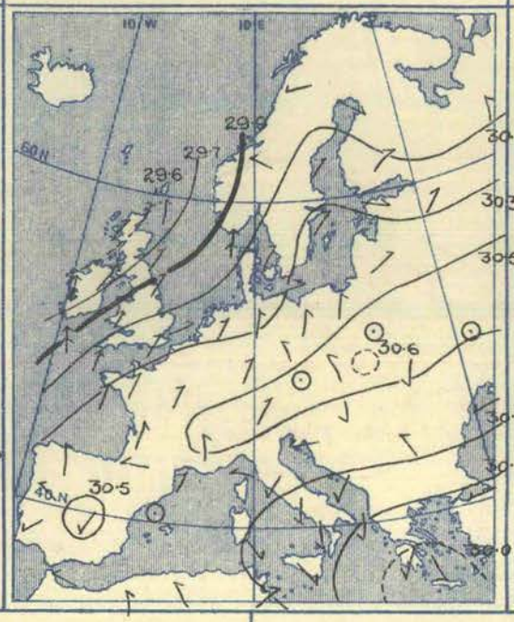
BAROMETER in morning above 30·3 ins. over Algeria and the greater part of the Spanish Peninsula and also in another maximum extending from Lyons to Bohemia. Below 30·0 ins. in a depression covering a great part of the Balkan Peninsula and extending to the vicinity of Brindisi, and below 29·4 ins. in another system off the north-west of Ireland. Relatively low in Norway and Sweden. Little change occurring later in the general distribution of pressure. Barometer rising somewhat over the central countries and falling in the north-west of Ireland.

Thursday, 22nd November, 1906.

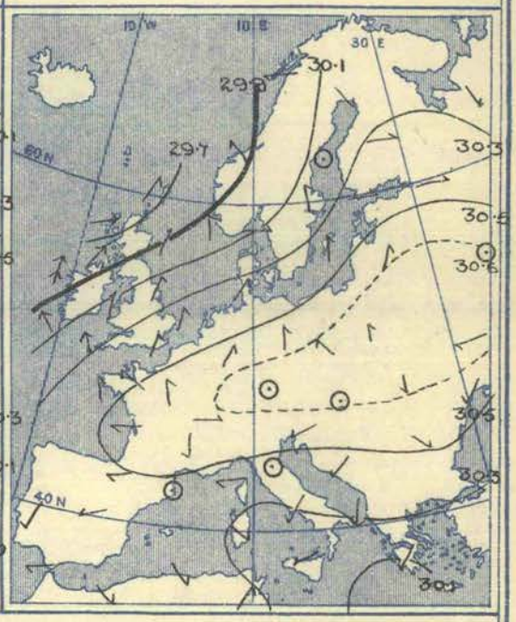
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fair or fine as a whole, but foggy or misty in places and rainy on our extreme western and north-western coasts, and also at some stations scattered about the western countries of the Continent, and at Hermanstadt. Rather heavy rain falling later in the Hebrides and the West of Norway and slight amounts in several other parts of Western Europe and also in Germany.

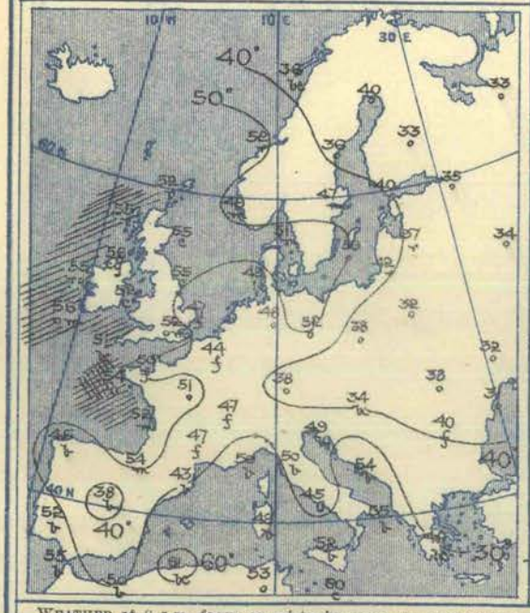
TEMPERATURE risen in the north-western countries, very quickly in Scotland. Readings in morning 59° at Leith, 58° at Birr Castle, and 57° in several parts of England. Below 50° over Italy, less than 40° over the Continent generally, and below 32° in several regions; lowest value 23° at Cracow. Maxima during day unusually high over the United Kingdom—62° at Leith, Rhyl, and Llandudno, 61° at Liverpool, Oxford, and in London, and about 60° in several places. Thermometer remaining below 50° over the greater part of Central Europe, but rising to 68° at Biarritz and to about a similiar reading in some Mediterranean localities.

WIND in morning Southerly to South-Westerly over our Islands and their neighbourhood; moderate generally, but fresh or strong in the west and south-west, and blowing a gale at Blacksod Point. An anticyclonic circulation prevailing over the major portion of the Continent, and variable or Westerly breezes in the extreme north. A high wind springing up later in the neighbourhood of Brindisi and a gale at Oran. No change of a general character.

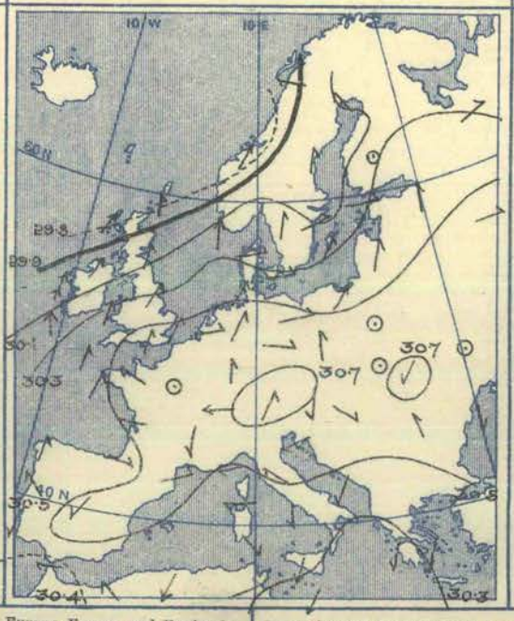
BAROMETER in morning above 30·5 ins. over Central Spain and also in an elongated area extending from the East of France to Central Russia. Below 30·0 ins. both in the far North of Scandinavia and over Greece, and below 29·6 ins. off the Hebrides. Pressure increasing and becoming highest over Poland by evening. An increase of pressure taking place in all parts of our area, and the anticyclone developing into a very important system.

Friday, 23rd November, 1906.

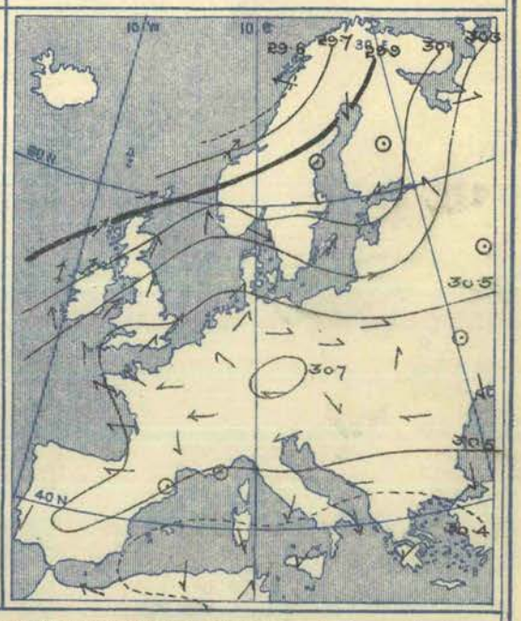
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. foggy or misty in many parts of Central Europe, France, and England; dull and rainy in the extreme west and north-west of our Islands, as well as over several parts of the Baltic and Gulf of Finland, and at Christiansund. Fine and bright over the Mediterranean region and Portugal. Heavy rain later in the north-west of Norway and as much as 0·6 in. at Sumburgh Head; slight quantities in a few other localities and 1·7 in. at Sfax

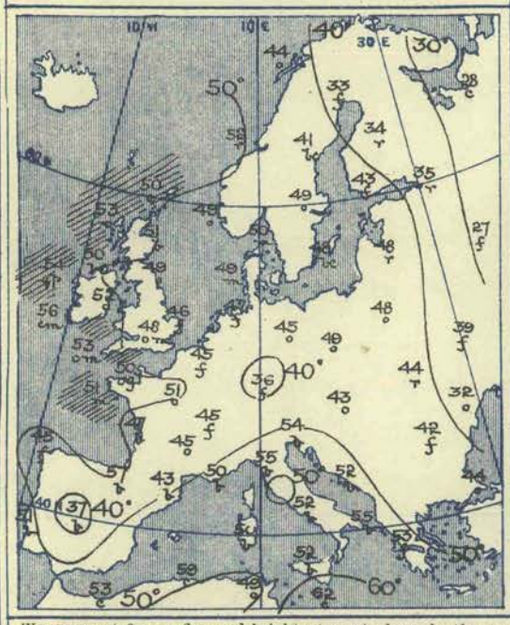
TEMPERATURE fallen somewhat over England and the adjacent portion of the Continent, risen in most other places. Readings in morning above 55° over our Islands generally, and as high as 60° at Nairn. Thermometer below 50° over the major portion of the Continent, but reported 58° at Barcelona and 60° and 68° respectively at Malta and Oran. Lowest reading reported 28° at Nicolaieff. Maxima during day about 60° at some of our own stations, and 62° both at Nairn and Southport. Thermometer rising to 60° or rather higher at most places in the south of our area, but remaining below 50° in some central regions and only just touching 50° at Turin.

WIND in morning Southerly to South-Westerly over the north-western countries; moderate or light as a whole, but a gale prevailing at Blacksod Point and a high wind at Stornoway and Christiansund. A very extensive anticyclonic circulation shown around the central countries, and moderate to strong Northerly winds over the Mediterranean and Adriatic. Not much change later, but some increase in force taking place over the south and west of Scandinavia, and also over the Baltic.

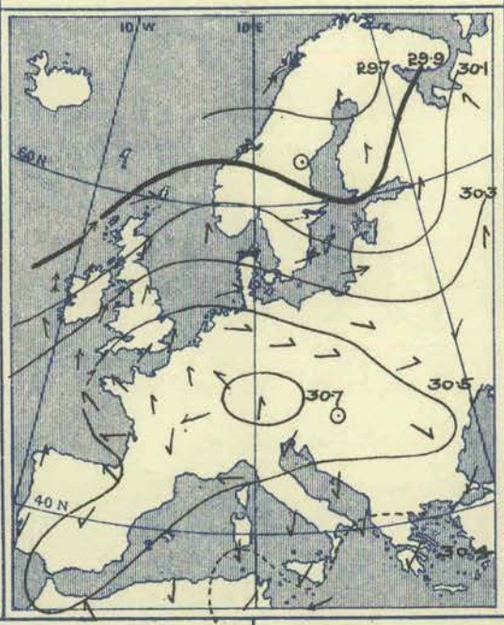
BAROMETER at 8 a.m. above 30·6 to 30·7 ins. in the central space of a very large high pressure system occupying the central countries of Europe. Decreasing to below 30·3 ins. in the south-east of our area, and to below 29·8 ins. off the north and north-west of Scotland. Pressure increasing during day over Ireland and Scotland and falling decidedly in the north of Norway and Sweden. Very little change taking place within the high pressure system.

Saturday, 24th November, 1906.

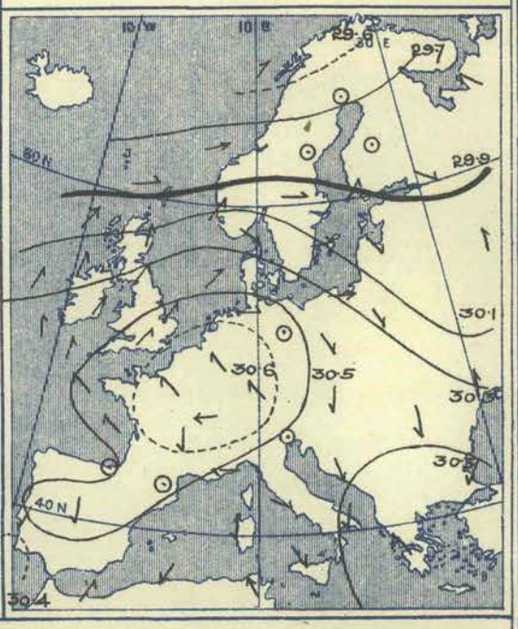
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



6 p.m.



WEATHER at 8 a.m. fine and bright at most places in the south of our area and in a few localities elsewhere, but very cloudy or quite overcast generally, with fog in the south-east of England, the Netherlands, and different parts of France and Germany, as well as at Corunna and over the Gulf of Finland. Rain falling at St. Petersburg, Riga, Lemberg, and Christiansund, and showers at Blacksod Point. Slight rain during day in the extreme north-west of these Islands, heavy amounts in Norway, and considerable falls of rain or snow in Russia.

TEMPERATURE risen at Bodo and in some parts of Central Europe, fallen generally elsewhere. Readings in morning ranging from 62° at Malta and about 50° at several other stations, and in the major portion of our Islands and at Christiansund, to below the freezing point both in the extreme north and south of Russia. Maxima during day lower than of late in most parts of these Islands, but thermometer rising to 58° at several northern and western stations, touching 60° at Leith and 64° at Dublin. Day warm in parts of Southern Europe; 75° at Bilbao and 70° at Biarritz.

WIND at 8 a.m. showing a very extensive anticyclonic circulation over the greater part of the Continent. Very strong South-Westerly and Southerly winds prevailing on our own western and north-western coasts, and a gale at Blacksod Point. Moderate to strong South-West to West breezes general over Scandinavia. Decreasing in force by evening in most parts of this country, but very little change occurring elsewhere.

BAROMETER in morning highest, 30·7 ins. and above, in the central part of an anticyclone over Bavaria. Lowest 29·7 ins. and less in a depression over the far north of Scandinavia. Relatively low off our own north-west coasts. No general change taking place in the distribution of pressure during the subsequent twenty-four hours, but a decided rise of the barometer setting in on our north-west coasts and over the adjacent portion of the Atlantic.

IV.—TEMPERATURE on the Grass, and in the Ground.

	STATION.	Grass Min. No. of Obs. of 30° or less.	Grass Min. Lowest reading.	Mean Earth Temp. At 1 foot.	Mean Earth Temp. At 4 feet.
			°	°	°
2.	York	—	—	44·4	48·4
	Hull	2	24	43·6	48·4
3.	Cambridge	3	20	—	—
	Dunmow	3	22	—	—
4.	Harrogate	2	28	43·5	45·5
	Sheffield	2	25	43·2	48·0
	Birmingham	2	24	44·6	48·8
	Nottingham	2	25	43·7	47·5
5.	Kew	3	20	44·3	49·4
	Canterbury	1	29	46·4	50·6
	Portsmouth	1	22	47·2	51·0
6.	Glasgow	2	26	—	—
7.	Newton Rigg	4	20	42·9	46·3
	Bettws-y-Coed	0	32	44·4	47·9
	Manchester (Oldham Road)	1	27	43·1	48·7
8.	Llangammarch Wells	4	22	44·7	48·4
	Bath	—	—	46·9	51·4
	Plymouth	—	—	—	—
9.	Armagh	2	28	45·1	48·0
	Markree	2	26	—	—
10.	Dublin, Trin. Coll.	3	25	45·0	47·9
11.	Guernsey, Brooklyn	0	34	49·0	52·2

V.—OBSERVATIONS in the UPPER AIR.—Temperature, Humidity and Wind Velocity.

Date of Observation.	Station and its Height above M.S.L.		Heights in feet above Mean Sea Level. Ground Level.	1,660.	3,320	5,000.	6,660.	8,320.	10,000.	Remarks.
1906. November 22nd, 3.34 p.m. to 4.8 p.m.	Watlington, Oxon, ?500 ft.	Temperature F.	58°	54°						One kite, 2,400 ft. wire. Max. height, 2,500 ft. Temperature, 50°; Humidity, 70%. Wind velocity, 45, direction WSW. Sky clear.
		Humidity	80%	85%						
		Wind Velocity, m. per hr.	SSW,—	SW, 28						
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								
		Temperature F.								
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		Wind Velocity, m. per hr.								
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		Humidity								
		Wind Velocity, m. per hr.								
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								

Attempts at Watlington on November 20th and 24th failed for want of sufficient wind.

63, Victoria Street, London, S.W. *November 28th, 1906.* W. N. SHAW, *Director.*

WEEKLY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE,

AND PUBLISHED FOR H.M. STATIONERY OFFICE BY WYMAN AND SONS, LTD., FETTER LANE, E.C., AND 32, ABINGDON STREET, WESTMINSTER, S.W.; OR OLIVER AND BOYD, EDINBURGH; OR E. PONSONBY, 116, GRAFTON STREET, DUBLIN.

TWENTY-NINTH YEAR. *Vol. XXIII. (New Series.)* } No. 48. FORTY-EIGHTH WEEK, ENDING SATURDAY, DECEMBER 1ST, 1906.

[Price 6d.
Annual Subscription post paid £1 10s. 0d.

I.—GENERAL REMARKS.

Weather.—The conditions were generally unsettled in the west and north, with frequent, but not often heavy, falls of rain. Over all the eastern, central, and south-eastern parts of England the greater part of the week was dry. Showers of snow, sleet, or hail were experienced in various parts of Scotland and on the north coast of Ireland on Friday or Saturday. Thunder and lightning occurred at Glencarron on Friday, and at Laudale on Saturday, and on Friday lightning alone was observed at Southport.

Temperature was again very high for the time of year. In the English Channel, the excess was 3·3°, but over the Kingdom generally it amounted to 6°, the greatest divergence from the mean being 7° in Scotland E. The highest of the maxima, which were registered on rather irregular dates, were above 55° in all districts except Scotland N., and England S.W., the highest readings being 59° in England S. and E., and 61° in Ireland S. The lowest of the minima were recorded at the end of the week, when the thermometer fell to 30° in England N.W., and to 31° or 32° in various other parts of Great Britain. The night values during the greater part of the period were extremely high for the season over the whole Kingdom, many of the minimum readings being as high as the average maximum day values, and several of them some degrees higher.

Bright Sunshine was in excess of the normal in most English districts and Scotland E., but below it in England S. and S.W., Scotland N., and over Ireland and the English Channel. The percentage of the possible duration ranged from 32 in England N.E., and 28 in Scotland E., to 11 in Ireland S., and to 9 in Ireland N.

Rainfall exceeded the average in Scotland, the north-west of England, and in the north of Ireland, but was deficient elsewhere. In Scotland N. the excess was large, while at some stations in the south and south-east of England the total fall for the week was less than 0·05 inch.

Barometer and Wind.—With the exception of some small and ill-defined secondary systems, all the cyclonic disturbances moved in a general Easterly direction, some distance to the northward of these Islands, while the barometer continued highest in a well-sustained anticyclone over the Bay of Biscay and its vicinity. The main current of wind was consequently from the Westward, from which direction it often blew freshly or strongly, and sometimes reached the force of a gale on exposed parts of our north-west coasts. By the end of the period a considerable change occurred in the pressure distribution, the barometer falling briskly over the North Sea region, Germany and France, and rising briskly on our western and northern coasts. The wind, which veered to N.W. or N., blew strongly or freshly during the whole of Saturday; on some parts of our western coasts, and at Portland Bill, a gale was experienced.

SUMMARY OF TEMPERATURE, RAINFALL, AND DURATION OF BRIGHT SUNSHINE IN THE UNITED KINGDOM, FOR AGRICULTURAL AND SANITARY PURPOSES.

THE WEEK (48th)—November 25th to December 1st, 1906.

DISTRICTS. (See p. 284.)	Temperature. Highest.	Lowest.	Means of Daily Max.	Daily Min.	Daily Mean.	Difference from Av. (35 Yrs.)	Accumulated Number of Day-Degrees. Above 42°	Difference from Av. (25 Yrs.)	Below 42°	Difference from Av. (25 Yrs.)	Rainfall. Number of Rain-Days.	Diff. from Av. (35 Yrs.)	Total Fall.	Difference from Average (35 Yrs.)	Sunshine. Hours recorded.	Diff. from Av. (25 Yrs.)	Percentage of Possible Duration.	Diff. from Av. (25 Yrs.)
	°	°	°	°	°	°	Day-deg.	Day-deg.	Day-deg	Day-deg.			Inches.	Inches.			%	%
0. SCOTLAND, NORTH	55	32	48·6	40·1	44·4	+ 4·2	25	+ 12	5	− 16	7	+ 2	2·56	+1·27	6	0	13	0
Eastern 1. SCOTLAND, EAST	58	31	51·5	41·6	46·5	+ 7·0	33	+ 20	1	− 25	5	+ 1	0·77	+0·04	14	+ 6	28	+12
Eastern 2. ENGLAND, N.E.	58	31	52·1	42·8	47·5	+ 6·6	39	+ 22	0	− 18	3	− 1	0·11	−0·44	17	+ 10	32	+19
Eastern 3. ENGLAND, EAST	59	35	52·0	41·6	46·9	+ 5·5	36	+ 18	1	− 21	3	− 1	0·18	−0·36	11	+ 1	20	+ 2
Eastern 4. MIDLAND COUNTIES	58	32	51·9	42·2	47·1	+ 6·1	36	+ 18	0	− 23	4	0	0·18	−0·37	13	+ 2	23	+ 4
Eastern 5. ENGLAND, SOUTH	59	34	52·4	43·4	47·9	+ 5·7	41	+ 14	0	− 15	2	− 2	0·12	−0·54	10	− 2	17	− 4
Western 6. SCOTLAND, WEST	56	31	51·0	43·8	47·5	+ 6·1	39	+ 20	0	− 16	6	+ 2	1·57	+0·34	7	− 1	14	− 1
Western 7. ENGLAND, N.W.	57	30	52·0	43·5	47·8	+ 5·7	41	+ 20	0	− 15	5	+ 1	0·98	+0·20	12	+ 5	23	+ 9
Western 8. ENGLAND, S.W.	55	36	51·8	45·4	48·6	+ 5·2	46	+ 17	0	− 11	6	+ 2	0·52	−0·43	7	− 7	12	−12
Western 9. IRELAND, NORTH	56	35	52·3	45·1	48·7	+ 6·5	47	+ 26	0	− 14	6	+ 1	1·01	+0·14	5	− 5	9	− 9
Western 10. IRELAND, SOUTH	61	35	54·0	46·9	50·5	+ 6·6	60	+ 30	0	− 12	5	+ 1	0·28	−0·72	6	− 6	11	−11
11. ENGLISH CHANNEL	56	44	53·3	48·6	51·0	+ 3·3	63	+ 18	0	− 2	5	0	0·52	−0·44	8	− 6	13	−11

THE SEASON (**Autumn**).—Aggregates, &c., for the Period of 13 Weeks, September 2nd to December 1st, 1906.

0. SCOTLAND NORTH	89	21	*	*	*	*	634†	+122	63	− 46	65	+ 2	14·94	− 0·55	258	+ 42	28	+ 5
Eastern 1. SCOTLAND, EAST	87	23	*	*	*	*	673	+138	82	− 57	55	+ 2	11·93†	+2·73	300	+ 48	33	+ 5
Eastern 2. ENGLAND, N.E.	94	28	*	*	*	*	838	+196	26	− 55	48	0	8·19	+0·66	310	+ 15	33	+ 2
Eastern 3. ENGLAND, EAST	93	26	*	*	*	*	997	+257	15	− 85	44	− 3	8·51	+1·22	357	+ 45	38	+ 5
Eastern 4. MIDLAND COUNTIES	96	25	*	*	*	*	867	+184	52	− 63	51	+ 4	8·51	+0·77	289	+ 26	31	+ 3
Eastern 5. ENGLAND, SOUTH	92	26	*	*	*	*	997	+157	10	− 57	48	+ 2	10·61	+1·76	353	+ 35	37	+ 4
Western 6. SCOTLAND, WEST	89	28	*	*	*	*	737	+ 95	35	− 46	51	− 2	12·64	− 2·00	278	+ 31	30	+ 3
Western 7. ENGLAND, N.W.	90	27	*	*	*	*	813	+100	32	− 27	53	+ 1	10·37	− 0·40	306	+ 43	32	+ 5
Western 8. ENGLAND, S.W.	88	21	*	*	*	*	900†	+ 70	29†	− 20	53	0	11·69†	− 0·29	365	+ 55	38	+ 6
Western 9. IRELAND, NORTH	78	24	*	*	*	*	762	+ 84	45	− 26	62	+ 1	9·50	− 1·30	291	+ 39	31	+ 4
Western 10. IRELAND, SOUTH	79	24	*	*	*	*	876	+ 92	32	− 23	57	+ 3	9·03	− 2·45	322	+ 25	34	+ 3
11. ENGLISH CHANNEL	82	34	*	*	*	*	1219	+117	0	− 6	50	− 7	9·92	− 1·61	399	+ 39	42	+ 4

THE YEAR.—Aggregates, &c., for the period of 48 Weeks, December 31st, 1905, to December 1st, 1906.

0. SCOTLAND, NORTH	89	8	*	*	*	*	2058†	+ 51	709	+ 41	238	+26	49·73	+4·42	1163	+ 50	27	+ 1
Eastern 1. SCOTLAND, EAST	88	11	*	*	*	*	2408	+119	706	− 37	196	+16	33·20†	+4·22	1412	+125	34	+ 3
Eastern 2. ENGLAND, N.E.	94	18	*	*	*	*	2988	+429	490	− 77	171	+ 8	22·53	− 0·90	1559	+120	37	+ 3
Eastern 3. ENGLAND, EAST	93	23	*	*	*	*	3361	+392	428	−204	149	−10	22·21	− 0·27	1765	+251	42	+ 6
Eastern 4. MIDLAND COUNTIES	96	18	*	*	*	*	3191	+306	538	−119	167	+ 5	23·24	− 2·06	1514	+192	36	+ 5
Eastern 5. ENGLAND, SOUTH	92	20	*	*	*	*	3395	+158	361	− 96	160	+ 2	26·18	+0·57	1812	+253	43	+ 6
Western 6. SCOTLAND, WEST	89	14	*	*	*	*	2636	+143	454	− 48	197	+ 9	43·83	− 0·42	1406	+ 89	33	+ 2
Western 7. ENGLAND, N.W.	90	16	*	*	*	*	2903	+135	411	− 40	189	+13	33·85	+2·21	1481	+152	35	+ 4
Western 8. ENGLAND, S.W.	88	19	*	*	*	*	3176†	+ 83	356†	+ 11	187	+13	37·63†	+2·24	1667	+168	40	+ 4
Western 9. IRELAND, NORTH	84	20	*	*	*	*	2659	+ 2	400	− 25	234	+23	34·62	+0·64	1321	+ 85	31	+ 2
Western 10. IRELAND, SOUTH	81	24	*	*	*	*	3201	+148	296	− 23	215	+26	32·74	− 4·57	1457	+ 32	35	+ 1
11. ENGLISH CHANNEL	89	27	*	*	*	*	3786	+103	79	− 41	178	− 5	26·62	− 4·47	1898	+ 83	45	+ 2

† The corresponding values for last week have been slightly altered owing to the receipt of further information.

Bright Sunshine.—For certain of the Districts the values of Bright Sunshine in this Table are based on the records from a part only of the Stations included in Table II. For certain of the Stations Mean Values are not available, and for the Districts containing these Stations the "Difference from Average" is based on the records from a smaller number of Stations than those supplying the values for "Hours Recorded."

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November 25-December 1, 1906.		Temperature. In Degrees Fahrenheit.								Rainfall.			Bright Sunshine.			
Districts.	Names of Stations.	Highest observed.	Lowest observed.	Mean for the Week. Of Highest each day.	Mean for the Week. Of Lowest each day.	Mean for the Week. For whole of each day.	Difference of Daily Average from Mean for the Week.	Accumulated Heat for the Week (in Day-degrees). Above 42°	Accumulated Heat for the Week (in Day-degrees). Below 42°	Number of Rain-Days.	Rainfall in the Week.	Difference from the Mean for the Week.	Number of Hours recorded.	Difference from the Mean for the Week.	Percentage of possible duration.	Difference from the Mean for the Week.
		°	°	°	°	°	°	Day-deg	Day-deg		Inches.	Inches.	Hrs.	Hrs.	%	%
0. SCOTLAND, N.	†Sumburgh Head (Deerness)	50	33	47·1	40·0	43·6	+ 2·6	20	6	7	1·35	+ 0·38	5·8	− 0·2	13	0
	Wick	55	34	49·3	39·9	44·6	+ 4·6	27	6	6	1·30	+ 0·65	*	*	*	*
	†Lairg (Strathpeffer)	52	32	47·4	38·1	42·8	+ 5·1	22	11	7	1·90	+ 1·07	8·6	+ 1·6	18	+ 3
	Stornoway	52	35	49·1	39·6	44·4	+ 3·2	27	7	7	2·33	+ 1·06	6·4	− 1·7	13	− 4
	Glencarron	51	34	47·3	40·2	43·8	+ 4·4	20	5	7	5·27	+ 3·10	*	*	*	*
	Fort Augustus	53	33	49·1	40·5	44·8	+ 4·8	26	4	7	2·27	+ 1·18	3·3	+ 1·3	7	+ 3
	Fort William	54	35	50·8	42·2	46·5	+ 4·9	32	0	7	3·49	+ 1·44	*	*	*	*
1. SCOTLAND, E.	Nairn	54	34	50·7	40·1	45·4	+ 5·8	32	5	6	1·08	+ 0·59	7·3	—	15	—
	Aberdeen	57	37	50·3	42·3	46·3	+ 5·8	30	0	3	0·45	− 0·29	17·3	+ 6·6	35	+ 14
	†Balmoral (Crathes)	55	31	50·3	38·9	44·6	+ 7·7	31	9	6	1·10	+ 0·25	17·4	—	35	—
	†Clathick (Balruddery)	57	31	53·6	41·0	47·3	+ 7·8	41	5	7	1·23	+ 0·20	15·9	—	32	—
	†Leith (Edinburgh)	58	37	53·3	45·3	49·8	+ 8·4	55	0	6	0·47	− 0·03	10·5	+ 3·8	21	+ 8
	Marchmont	54	34	50·6	41·0	45·8	+ 6·6	31	3	1	0·27	− 0·48	16·5	+ 7·2	32	+ 14
2. ENGLAND, N.E. Northern part.	†Alnwick Castle (Cockle Park)	56	38	51·9	44·4	48·2	+ 7·6	43	0	2	0·09	− 0·71	21·9	—	42	—
	†Shields (Newcastle)	58	37	53·1	42·9	48·0	+ 6·5	42	0	2	0·10	− 0·44	13·4	+ 7·4	26	+ 14
	Durham	56	31	52·3	42·6	47·5	+ 7·9	39	0	3	0·07	− 0·49	19·8	+ 9·2	37	+ 17
	Scarborough	57	38	53·4	43·7	48·6	+ 6·8	46	0	3	0·31	− 0·32	18·2	—	34	—
	York	58	34	53·6	42·3	48·0	+ 7·3	42	0	4	0·09	− 0·38	18·2	+ 11·2	34	+ 21
Southern part.	†Spurn Head (Saltburn)	56	40	50·0	43·9	47·0	+ 4·5	35	0	3	0·07	− 0·37	13·4	—	25	—
	†Lincoln (Skegness)	57	37	52·2	41·3	46·8	+ 6·5	37	2	2	0·05	− 0·40	14·6	—	27	—
	†Fulbeck (Rauceby)	56	37	50·0	41·2	45·6	+ 5·8	29	2	2	0·06	− 0·38	14·7	—	27	—
	(Cromer)												15·8	—	29	—
ENGLAND, E. Northern part.	Hillington	56	35	51·1	39·2	45·2	+ 5·1	34	8	4	0·28	− 0·33	10·5	0·0	19	0
	†Yarmouth (Lowestoft)	56	38	51·0	42·3	46·7	+ 5·0	33	0	5	0·51	− 0·07	14·8	—	27	—
	Geldeston	59	36	53·2	40·8	47·0	+ 5·5	40	3	4	0·37	− 0·16	14·4	+ 3·2	26	+ 6
	(Dunmow)												8·2	—	15	—
Southern part.	Cambridge	57	35	52·2	40·2	46·2	+ 5·8	37	5	2	0·07	− 0·37	11·1	− 0·2	20	0
	Felixstowe	55	39	52·8	41·1	47·0	+ 5·0	39	3	3	0·19	—	12·8	—	23	—
	Clacton-on-Sea	55	38	50·7	42·0	46·4	+ 4·9	31	0	4	0·06	—	9·2	—	16	—
	Rothamsted	56	37	52·0	41·9	47·0	+ 6·3	35	0	4	0·03	− 0·58	10·2	− 1·1	18	− 2
	†Shoeburyness (Southend)	56	38	52·4	43·9	48·2	+ 5·6	43	0	1	0·01	− 0·45	10·0	—	18	—
	London, Westminster	57	39	53·0	43·4	48·2	+ 6·4	43	0	1	0·08	− 0·44	7·4	+ 3·0	13	+ 5
4. MIDLAND COUNTIES. Eastern part.	Harrogate	53	34	48·3	42·7	45·5	+ 5·5	25	0	5	0·46	− 0·16	19·5	—	36	—
	†Bawtry (Worksop)	58	32	53·6	40·0	46·8	+ 6·2	42	6	2	0·07	− 0·31	12·4	+ 4·0	23	+ 7
	Nottingham	57	39	51·9	43·4	47·7	+ 7·0	40	0	4	0·08	− 0·37	7·8	—	14	—
	†Colly Weston (Oundle)	55	37	51·0	42·3	46·7	+ 6·2	33	0	4	0·10	− 0·43	10·6	—	19	—
	Birmingham, Edgbaston	56	37	51·7	41·3	46·5	+ 5·2	34	2	4	0·20	− 0·26	11·2	—	20	—
	Oxford	56	37	52·4	44·4	48·4	+ 6·8	45	0	2	0·02	− 0·48	11·6	+ 0·2	21	0
Western part.	†Cheadle (Sheffield)	54	33	50·6	39·8	45·2	+ 5·7	32	6	5	0·52	− 0·15	19·1	—	35	—
	Shrewsbury	57	34	54·9	40·9	47·9	+ 5·1	46	3	4	0·21	—	*	*	*	*
	Hereford	57	32	52·2	40·8	46·5	+ 5·7	37	3	5	0·19	− 0·39	*	*	*	*
	Cirencester	55	36	51·4	42·9	47·2	+ 7·1	36	0	2	0·05	− 0·61	12·7	+ 2·0	23	+ 4
	Bath	56	38	52·7	45·9	49·3	+ 6·3	51	0	3	0·11	− 0·56	10·7	—	19	—
	(Margate)												7·1	− 4·8	13	− 8
5. ENGLAND, S.	Kew	57	35	52·0	42·1	47·1	+ 5·5	36	0	2	0·05	− 0·40	9·4	− 0·6	17	− 1
	Wisley, Surrey	56	37	52·3	43·2	47·8	+ 5·4	41	0	2	0·07	—	9·1	—	16	—
	†Swarraton (Ventnor)	56	34	51·5	42·8	47·2	+ 6·7	36	0	3	0·08	− 0·62	10·3	− 2·6	18	− 4
	Tunbridge Wells	55	37	51·1	41·6	46·4	+ 5·8	32	1	2	0·11	− 0·63	4·4	− 8·3	8	− 15
	†Dungeness (Littlestone)	59	37	53·4	43·6	48·5	+ 5·0	46	0	2	0·21	− 0·38	9·8	—	17	—
	Hastings	58	36	52·4	42·1	47·3	+ 4·3	37	0	2	0·15	− 0·60	11·8	− 2·4	21	− 4
	Southampton	58	37	53·2	43·6	48·4	+ 5·7	45	0	3	0·16	− 0·56	11·7	− 0·6	21	− 1
	†Portland Bill (Worthing)	56	44	53·6	48·0	50·8	+ 6·8	62	0	1	0·11	—	10·7	—	19	—
	(Eastbourne)												13·5	+ 0·7	24	+ 1
6. SCOTLAND, W.	†Laudale (Oban)	56	36	51·8	43·0	47·4	+ 5·5	38	0	6	2·94	+ 0·93	4·9	—	10	—
	Glasgow	56	37	51·9	44·6	48·3	+ 7·6	44	0	6	1·59	+ 0·71	5·6	+ 1·8	11	+ 4
	Dumfries	53	36	49·6	44·9	47·3	+ 7·1	37	0	6	0·78	− 0·17	*	*	*	*
	Cally	55	31	49·3	41·3	45·3	+ 4·6	26	2	7	1·21	− 0·02	*	*	*	*
	Douglas, Isle of Man	56	40	52·6	45·4	49·0	+ 5·5	49	0	6	1·35	+ 0·25	8·8	− 2·8	16	− 5
7. ENGLAND, N.W.	Aspatria	55	32	51·0	43·6	47·3	+ 7·0	37	0	7	0·93	− 0·01	13·9	—	26	—
	Newton Rigg	56	30	51·8	42·3	47·1	+ 8·3	36	0	6	1·02	+ 0·17	18·1	+ 8·8	34	+ 17
	Stonyhurst	54	32	50·4	41·3	45·9	+ 5·4	30	2	6	2·26	+ 1·26	7·3	− 0·4	14	− 1
	Blackpool	53	37	50·5	43·3	46·9	+ 5·3	34	0	6	0·79	+ 0·03	9·9	+ 1·6	18	+ 3
	Manchester, Prestwich	55	33	51·2	41·1	46·2	+ 5·8	33	3	6	1·19	+ 0·43	11·4	+ 6·2	21	+ 12
	†Liverpool Obs. (Hoylake)	57	40	52·1	43·4	47·8	+ 5·6	41	0	4	0·42	− 0·17	13·8	—	26	—
	†Hawarden Bridge (Southport)	57	35	54·5	41·7	48·1	+ 4·9	44	1	3	0·28	− 0·21	13·1	—	24	—
NORTH WALES	Llandudno	57	42	53·9	45·8	49·9	+ 5·6	55	0	5	0·54	− 0·18	18·4	+ 8·2	34	+ 15
	†Holyhead (Aberdovey)	55	42	52·0	47·3	49·7	+ 4·9	54	0	5	0·65	− 0·28	5·3	—	10	—
	Bettws-y-Coed	56	37	52·6	44·9	48·8	+ 4·4	48	0	5	1·74	—	12·8	—	23	—
8. SOUTH WALES	Llangammarch Wells	53	37	50·6	42·1	46·4	+ 4·8	31	0	5	0·92	—	8·0	—	14	—
	Pembroke	55	42	53·7	48·0	50·9	+ 5·1	62	0	5	0·29	− 0·65	5·7	− 6·9	10	− 12
	†Cardiff (Aberystwyth)	55	38	52·6	44·4	48·5	+ 4·9	46	0	6	0·67	− 0·29	7·0	—	13	—
ENGLAND, S.W.	†Clifton (Torquay)	55	39	52·1	46·1	49·1	+ 6·3	50	0	7	0·33	− 0·40	11·9	− 1·1	21	− 2
	†Shaftesbury (Marlborough)	52	36	49·8	43·7	46·8	+ 6·2	34	0	5	0·18	− 0·62	8·7	− 0·9	15	− 2
	†Arlington (Newquay)	52	40	50·9	44·7	47·8	+ 5·6	41	0	7	1·41	+ 0·14	6·5	− 3·0	11	− 14
	Cullompton	55	41	52·5	45·5	49·0	+ 6·6	49	0	6	0·28	− 0·56	6·3	− 4·1	11	− 7
	Plymouth	55	42	52·3	46·7	49·5	+ 4·1	53	0	5	0·13	− 0·72	6·4	− 6·6	11	− 11
	Falmouth	54	43	52·1	47·3	49·7	+ 3·3	54	0	6	0·45	− 0·78	6·0	− 8·5	10	− 15
9. IRELAND, N. Western part.	Malin Head	53	37	51·1	45·3	48·2	+ 4·8	43	0	7	1·13	+ 0·38	*	*	*	*
	Edenfel	54	37	51·6	43·9	47·8	+ 7·8	41	0	7	1·59	+ 0·74	*	*	*	*
	Blacksod Point	55	42	52·9	46·7	49·8	+ 5·2	55	0	7	1·31	+ 0·04	*	*	*	*
	Markree Castle	56	39	53·3	46·0	49·7	+ 8·3	54	0	6	1·00	+ 0·06	5·5	− 4·2	10	− 8
Eastern part.	Armagh	55	35	52·2	43·7	48·0	+ 7·2	42	0	6	0·57	− 0·10	4·5	− 6·0	8	− 11
	Donaghadee	56	38	52·6	45·0	48·8	+ 5·7	48	0	5	0·45	− 0·50	*	*	*	*
10. IRELAND, S. Eastern part.	†Dublin, City (Phœnix Park)	61	36	56·2	44·9	50·6	+ 6·6	60	0	6	0·23	− 0·36	12·6	− 0·9	23	− 2
	Kilkenny	56	37	52·7	46·3	49·5	+ 6·9	53	0	4	0·22	− 0·51	*	*	*	*
	Waterford	57	38	54·0	44·9	49·5	+ 6·5	53	0	3	0·05	− 0·89	*	*	*	*
Western part.	Birr Castle	57	35	53·1	44·7	48·9	+ 7·6	48	0	6	0·36	− 0·36	5·7	− 6·9	10	− 13
	Foynes	56	42	53·5	48·4	51·0	+ 7·4	63	0	6	0·50	− 0·48	*	*	*	*
	Killarney	61	40	56·4	48·5	52·5	+ 7·9	74	0	5	0·34	− 1·13	*	*	*	*
	Valencia	56	43	53·4	48·9	51·2	+ 4·6	64	0	7	0·50	− 0·92	2·5	− 10·1	5	− 18
	†Roches Point (Ballinacurra)	55	42	52·9	48·9	50·9	+ 5·5	62	0	2	0·07	− 1·08	4·9	—	9	—
11 ENGLISH CHANNEL	Scilly, St. Mary's	55	45	53·0	48·9	51·0	+ 2·4	63	0	4	0·46	− 0·44	5·3	− 9·3	9	− 16
	†Jersey, St. Aubins (St. Heliers)	56	45	54·0	48·3	51·2	+ 3·8	64	0	5	0·64	− 0·29	8·7	− 7·4	15	− 13
	Guernsey	56	44	52·9	48·6	50·8	+ 3·8	62	0	6	0·47	− 0·60	9·4	− 2·3	16	− 4

Information for Stations marked ℳ is supplied by the Royal Meteorological Society, and that for Stations marked 𝒮 is supplied by the Scottish Meteorological Society.

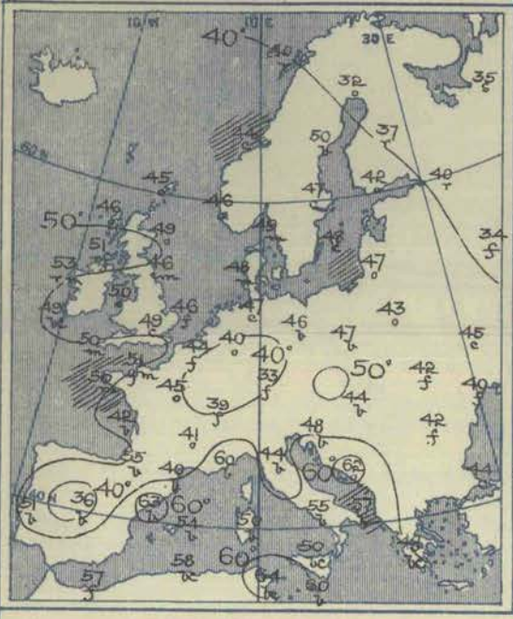
* An Asterisk is inserted in all places for which the information is not usually given.

† There is no Sunshine Recorder in use at this Station. The figures entered for Sunshine are those recorded at a Station in the same district of which the name is given in brackets.

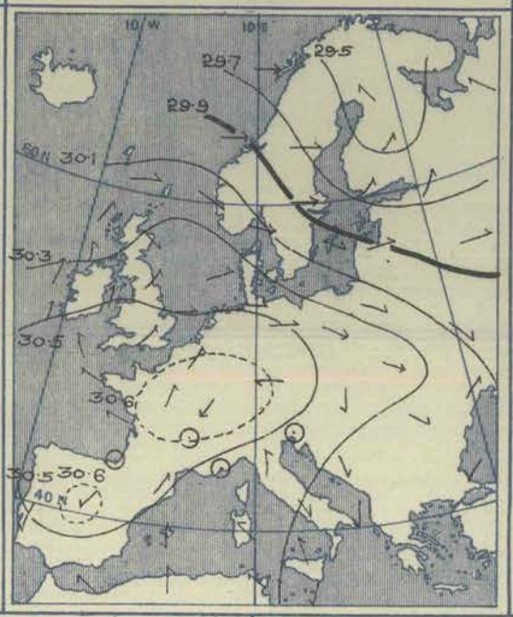
Additional Sunshine Totals for the week: Ramsgate, 11·5 hrs., 20 %; Brighton, 9·7 hrs. (− 3·0), 17 % (− 5 %); Bournemouth, 12·6 hrs., 22 %; Bognor, 12·3 hrs., 22 %; Rhyl, 14·7 hrs., 27 %; Tenby, 8·2 hrs. (− 4·0), 15 % (− 7 %).

Sunday, 25th November, 1906.

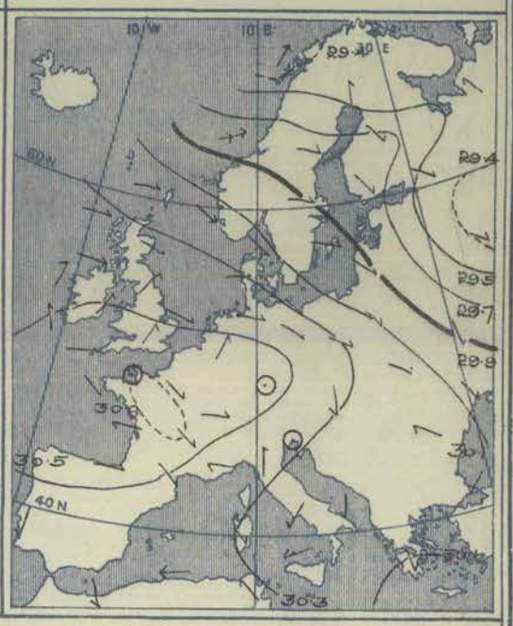
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. cloudy or overcast as a whole, with mist or fog at many of our own stations and also in various Continental regions. Rainy on the north-west coast of Ireland and in some localities in the far north of the Continent, and snow falling at Archangel. Very slight amounts of rain experienced later on our most western and northern coasts and larger quantities of rain or snow over different parts of Scandinavia and Russia.

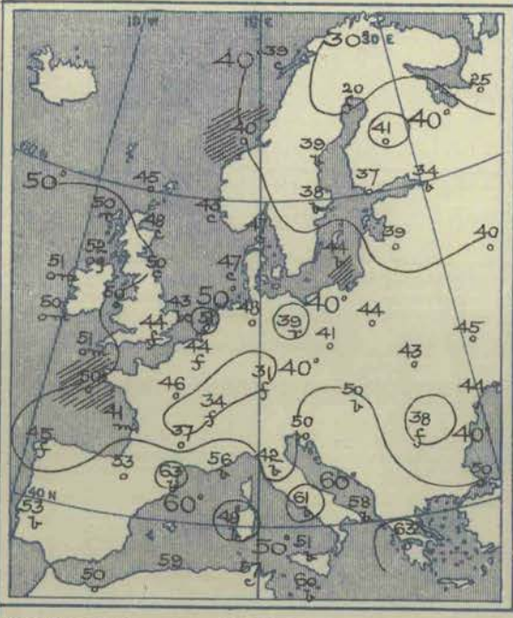
TEMPERATURE in morning lower at most places than at the same hour on the preceding day. Readings ranging from 64° at Tunis and 63° at Cape Sicié and 56° at Leith to between 40° and 50° over our area generally and to below 40° in places. Lowest reading 30° at Kharkoff. Thermometer rising to 77° at Nice during day and to about 70° at a few other spots on the shores of the Mediterranean. Maxima above 55° at several of our own stations, but below 50° over a considerable portion of Central Europe, and only 42° at Lyons.

WIND at 8 a.m. showing a partial cyclonic circulation over the north of our area, with considerable force on the west coast of Norway, and an anticyclonic circulation over all the south-western and central countries. Increasing to a gale later on the north-west coast of Norway, but little change occurring over our area as a whole.

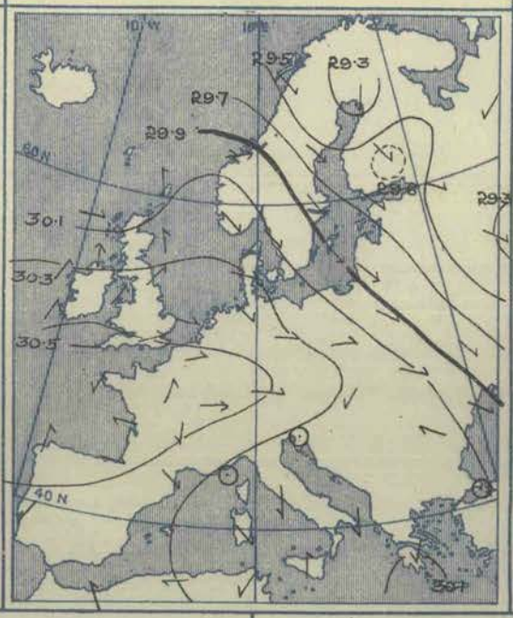
BAROMETER in morning above 30·5 ins. to 30·6 ins. in an anticyclone covering the south of these Islands, France, and a considerable portion of Central Europe. Below 29·5 ins. in the extreme north of Scandinavia and the North of Finland. A fresh fall of the barometer setting in later over the North-West of Norway, but scarcely any change of a widespread character taking place. Barometer rising in most parts of these Islands.

Monday, 26th November, 1906.

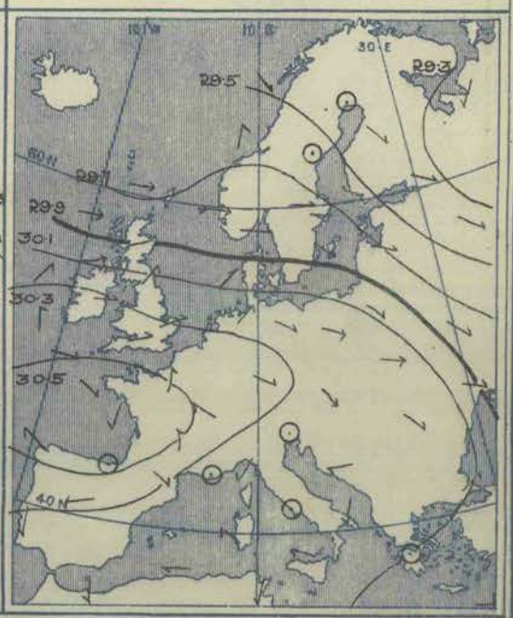
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine and bright in many parts of Southern Europe and also over Sweden and the Baltic. Cloudy or dull generally, with fog or mist in several localities both at home and on the Continent, and rain at Berlin and Stornoway. Rain, generally slight, falling later over the greater portion of this country, as well as in the Low Countries, Scandinavia, and Germany.

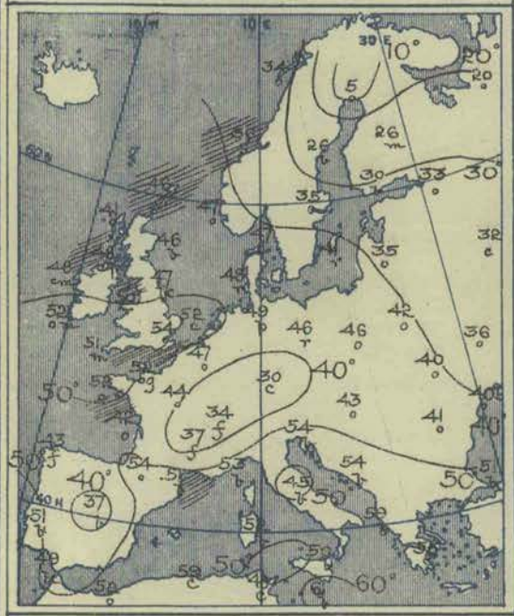
TEMPERATURE risen in places, but fallen generally. Readings in morning nearly 60° at several stations in the south of our area, and as high as 63° at Athens. Above 50° on many parts of our western coasts, but not far from 40° over our area generally, and much below 32° in the extreme north—lowest value 20° at Haparanda. Maxima during day as high as 57° at Aberdeen, above 60° in many parts of Southern Europe, and above 70° at a few places. Thermometer remaining below 50° in most parts of Central Europe.

WIND in morning light and anticyclonic over all the more south-western and central parts of Europe. Mainly North-Westerly over the north-eastern half of our area, and rather variable in the south. A Westerly gale prevailing at Christiansund. Gale subsiding at this station by evening, but Westerly wind increasing to a gale at Skudesnaes. Little other change.

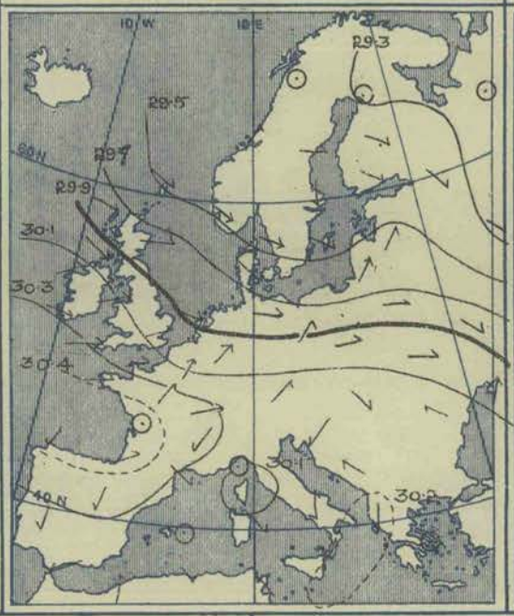
BAROMETER in morning above 30·5 ins. in an anticyclone having its maximum over Brittany and the Bay of Biscay; decreasing to below 29·3 ins. in the vicinity of Moscow, and also in another depression in Lapland. Pressure relatively low over the Mediterranean region. Barometer falling very decidedly later over Norway and our own northern and eastern coasts, as well as in Germany and the Netherlands. Another disturbance approaching the west coast of Norway. High pressure system maintaining its position with slight diminution of intensity.

Tuesday, 27th November, 1906.

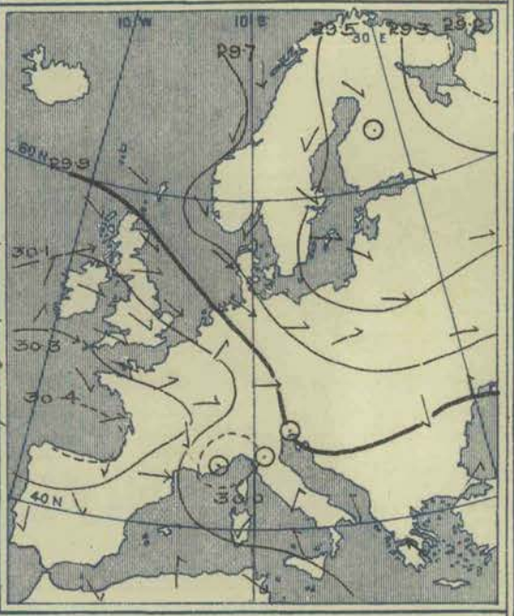
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine and bright over the Mediterranean region and the South of Europe generally; cloudy or overcast in almost all other places. Rainy over the Baltic, Denmark, and North Germany, as well as at a few of our own stations and in the Netherlands; snow falling at Christiansund. Considerable amounts of rain falling subsequently over many parts of Central Europe and Poland and small quantities in various parts of this country.

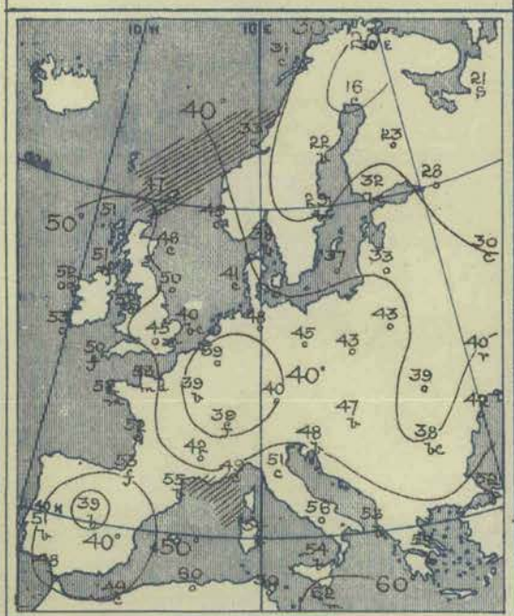
TEMPERATURE risen over England, fallen in nearly all other regions. Readings in morning above 50° at most of our own stations and in the far south of our area, and as high as 61° at Malta. Below 40° over Northern Europe and below the freezing point in places. Lowest values 20° at Archangel and 5° at Haparanda. Rising during day to 58° or 59° on our south and south-east coasts and to 70° at one or two stations on the shores of the Mediterranean. Maxima lower than 50° over the major portion of Central Europe, and no higher than 16° at Haparanda.

WIND in morning North-Westerly or Westerly over the United Kingdom and South-Westerly or Westerly over the greater part of the Continent; fresh or strong in force on some of our own coasts and at some Baltic stations; light or moderate as a whole. Light variable airs prevailing over the Mediterranean. Direction becoming more Northerly over Scandinavia, the North Sea, and its neighbourhood by evening, but backing towards South on the west coast of Ireland.

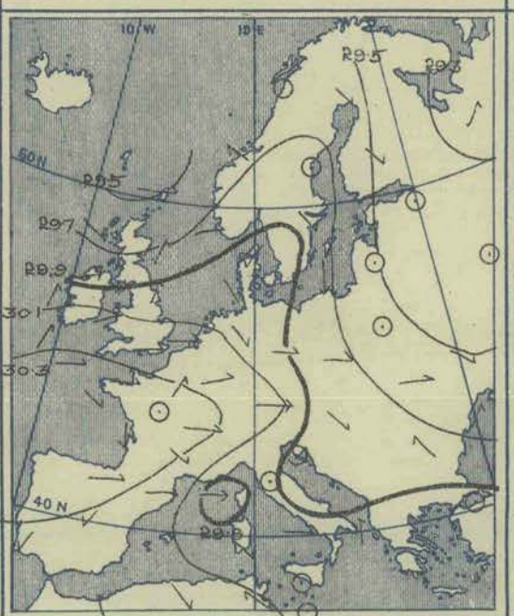
BAROMETER at 8 a.m. highest, above 30·4 ins. over the Bay of Biscay and its vicinity; readings decreasing to below 29·4 ins. off the west and north-west of Norway, and to below 29·3 ins. in the north-east of our area. A shallow depression shown over Corsica. Pressure increasing very briskly later in day over Norway and Scotland and rather decidedly over England, but falling by the evening in the West of Ireland. Anticyclone decreasing somewhat in intensity without changing its position.

Wednesday, 28th November, 1906.

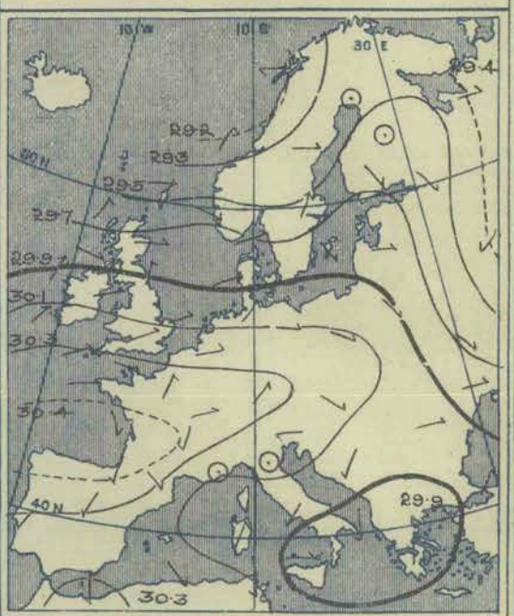
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. varying a good deal; fine and bright over a considerable portion of the Continent, but overcast as a whole, with rain at some central stations and snow at Archangel. Rain also falling at Bath, Malin Head, and in the Shetlands, and fog prevailing at Scilly. Slight falls of snow occurring later in Russia, heavier falls of snow or rain in various parts of Scandinavia, and slight measurements of rain at some of our own stations and in Germany.

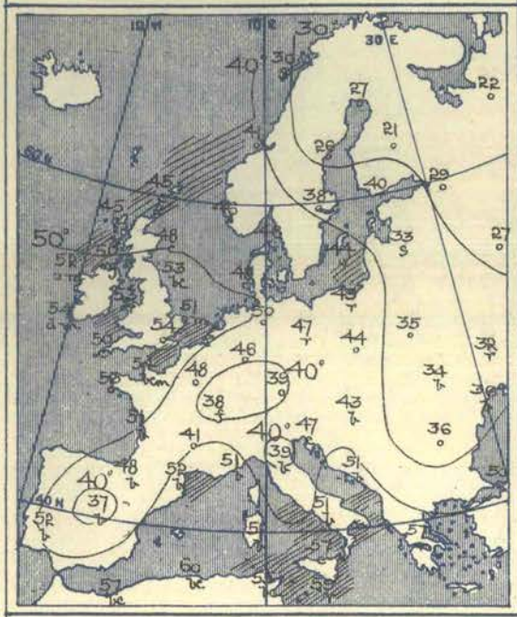
TEMPERATURE in morning lower in most places than at the same hour on the preceding day. Ranging from about 60° at a few stations in the far south to about 40° over the major portion of the Continent, and to much below the freezing point in the extreme north-east. Lowest value 16° at Haparanda. Maxima during day about 55° in many parts of these Islands, and as high as 59° at Rhyl. Thermometer remaining below 45° at several stations over Central Europe, and below 32° in the extreme north. Rising to about 70° in the north of Africa and at Malta.

WIND in morning South-Westerly over our northern districts, Northerly over the Gulf of Bothnia and the Baltic. A rather irregular cyclonic circulation prevailing over the Mediterranean region, and light anticyclonic airs over the Bay of Biscay and its vicinity. Wind becoming more Westerly over our Islands by evening and increasing in force to a fresh breeze in places; backing somewhat over the Baltic. A gale from the Northward springing up at Brindisi.

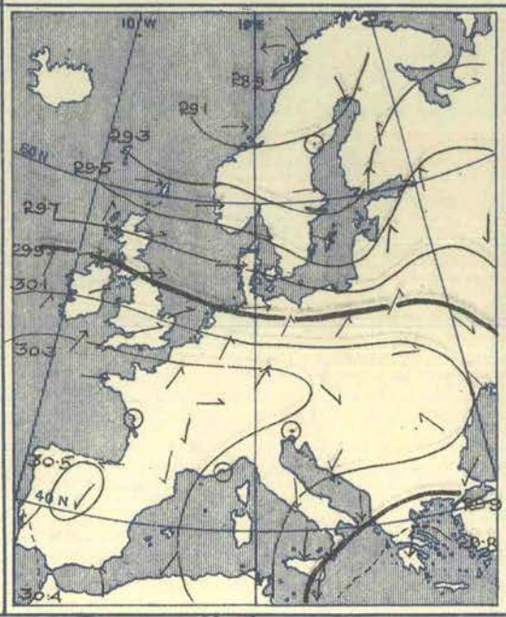
BAROMETER in morning ranging from above 30·3 ins. over the Bay of Biscay and France, to less than 29·9 ins. in a depression over the Gulf of Genoa and Corsica, below 29·5 ins. off our north-west coast, and to below 29·3 ins. in the neighbourhood of the White Sea. Anticyclonic system maintaining its position during day, but a fresh fall of the mercury commencing along our west coasts. Mediterranean depression apparently travelling quickly in an easterly direction.

Thursday, 29th November, 1906.

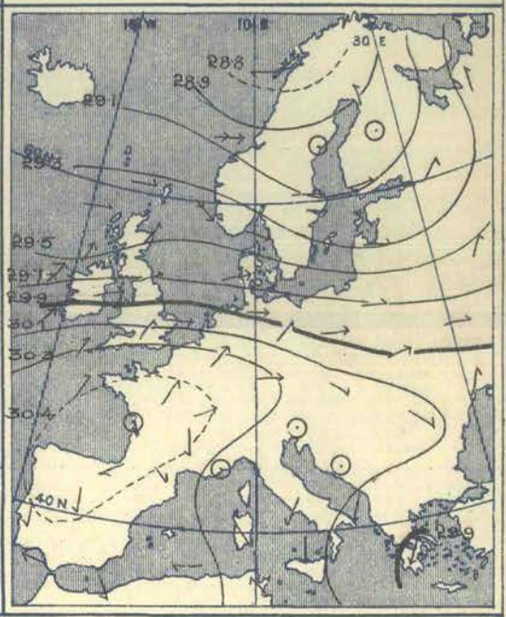
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. mostly fine and bright in France, Italy, and the Spanish Peninsula; overcast in almost all other regions, with rain in Greece, North Germany, and at several of our north-western stations, and snow at Riga and Bodö. Rain later at most places in the more northern and north western countries, largest amount 0·8 in. at Stornoway.

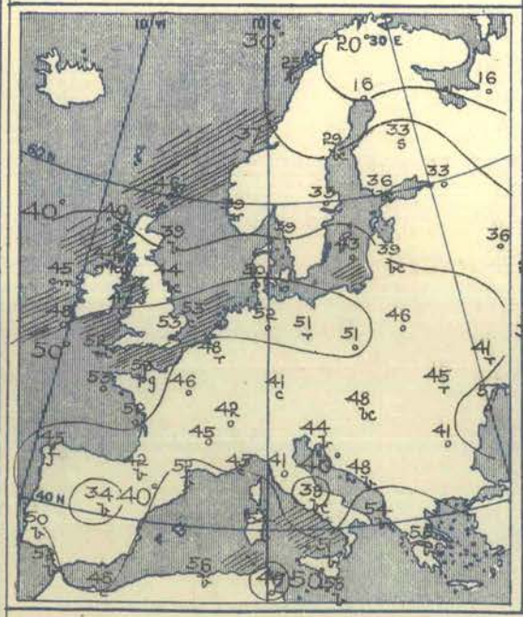
TEMPERATURE risen over England and the nearer countries of the Continent, fallen generally elsewhere. Readings in morning above 50° at the English and Irish stations, 59° at Malta, and 60° at Algiers. Below 40° in many parts of our area and less than 32° in the north and north-east. Thermometer rising to some degrees above 50° over our Islands and to 57° or 58° in places. Maxima below 50° at various stations in Central Europe and the east of France and below 32° in the extreme north.

WIND in morning Westerly to South-Westerly over the United Kingdom and the northern half of Europe; moderate to fresh in force as a whole, but strong in places, and blowing a gale at the mouth of the Elbe. Mainly Northerly over the Mediterranean; strong in places, and a gale at Brindisi. Light anticyclonic airs general over the Bay of Biscay and France. Increasing to a gale later from South-West or West on many parts of the Irish and English coasts and over the North Sea, and also over the Baltic.

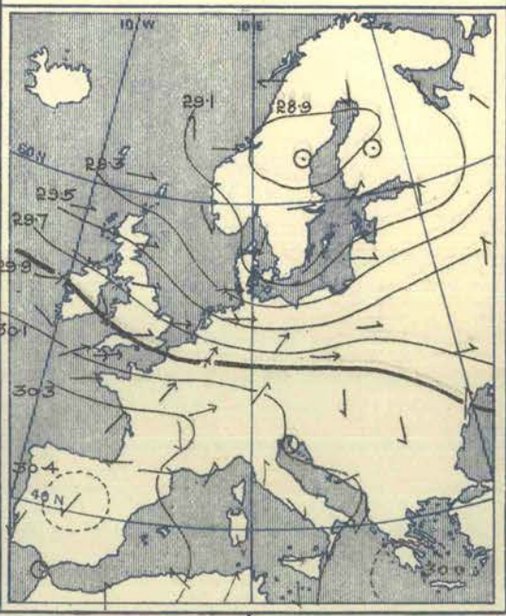
BAROMETER in morning above 30·4 ins. in a large high pressure area covering most of France, the Spanish Peninsula, and the Bay of Biscay; below 29·8 ins. over the south-east of our area, and less than 28·9 ins. in a depression over the north of Norway. A deep secondary disturbance travelling very quickly eastwards from the Atlantic to the Cattegat during the night and producing steep gradients in this country and over the North Sea region. Scarcely any change occurring in the position or intensity of the high pressure system.

Friday, 30th November, 1906.

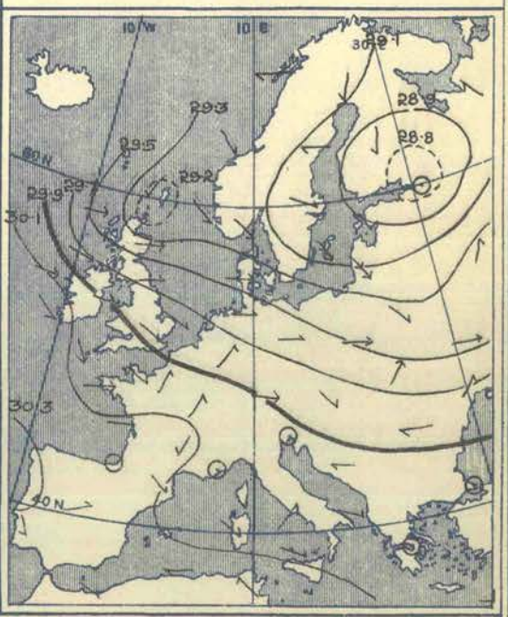
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine and bright over the major portion of Southern Europe and in a few isolated localities elsewhere. Cloudy or overcast over our area as a whole, with rain or snow in the north, rain over Germany, Belgium, and at Wick, and hail showers at Malin Head. Rain experienced later over the northern half of Europe generally, and thunderstorms occurring at the mouth of the Elbe.

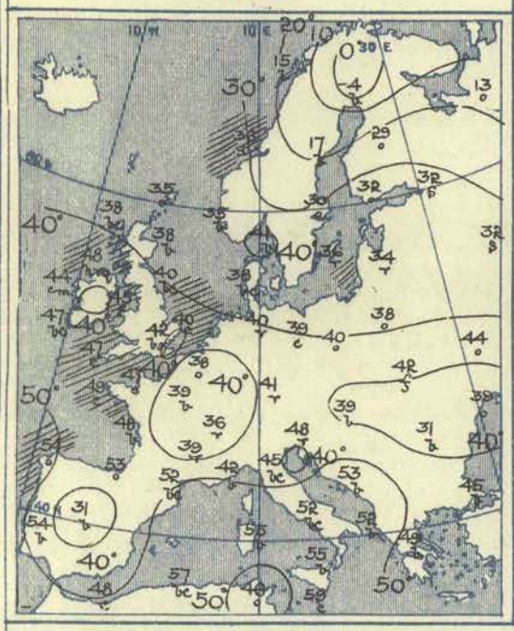
TEMPERATURE risen over the central countries, fallen generally elsewhere. Readings in morning ranging from nearly 60° at a few stations in the far south to not far from 50° over all the countries south of the Baltic, and to below 32° in the north; lowest values 16° at Haparanda and Archangel. Rising later to 57° at Scarborough, Manchester, and Llandudno, but thermometer only just exceeding 40° in Scotland. Maxima above 60° very generally in the south of our area and below 32° in the extreme north.

WIND in morning showing a vast cyclonic circulation over the northern countries; Westerly current blowing freshly or strongly over these Islands and the central countries—with the force of a gale at some of our own stations and also on the coast of Jutland and at Cuxhaven. Variable and mainly light breezes prevailing over the Mediterranean region. North-Westerly wind increasing to a gale by evening over the Baltic, as well as on our own north-west coasts.

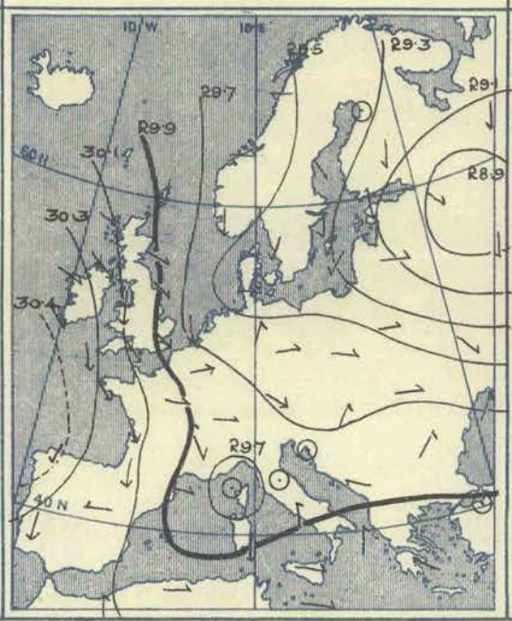
BAROMETER in morning ranging from above 30·4 ins. over a large part of Spain, to below 28·9 ins. in a large depression over Scandinavia. Gradients steepest over Germany. Northern depression travelling quickly eastwards to Russia during day, but another system appearing between the Shetlands and Caithness by evening, and gradients over Scotland and the north of Ireland increasing considerably. Pressure decreasing over the Spanish Peninsula and its vicinity.

Saturday, 1st December, 1906.

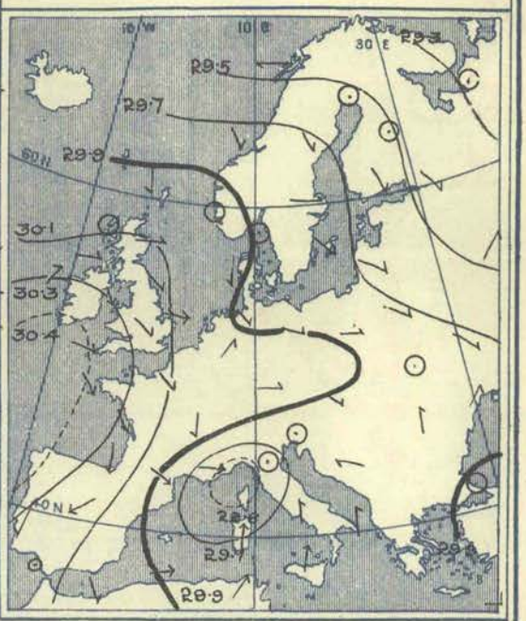
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fair or fine and bright in most parts of our area, but showery at some of our own stations, with sleet in the north of Ireland, rainy in some parts of Central Europe, and snow falling at Christiansund, St. Petersburg, and Moscow. Showers of sleet experienced in Scotland later, some rain in most parts of the United Kingdom, and also in a few scattered localities on the Continent. Largest amount 2·8 ins. at Turin.

TEMPERATURE fallen very generally, risen over Italy. Readings at 8 a.m. above 50° in the extreme south only; about 40° over the major portion of our area, and as low as -4° at Haparanda. Maxima during day below 50° in many parts of England, but as high as 55° at Nairn and 53° at several Irish stations. Thermometer not rising much above 40° in some parts of Central Europe and only touching 41° and 45° respectively at Turin and Cette. Maxima of 60° and above recorded in Algeria and the south of Spain and Italy.

WIND in morning Northerly or North-Westerly over the United Kingdom and the western countries of Europe generally; fresh or strong in force in most places, and blowing a gale at Malin Head, Portland Bill, and Holyhead. Light to moderate cyclonic breezes prevailing over the rest of our area. Backing towards West again by evening on our own north-west and north coasts and over the whole Kingdom during night or early morning. Northerly current continuing strong all day over the Bay of Biscay.

BAROMETER in morning above 30·3 ins. over the west of Ireland, and north-west of Spain and the intervening portion of the Atlantic; decreasing to less than 29·7 ins. in a depression over the Gulf of Genoa, and to below 28·9 ins. in a very large system having its central space over Northern Russia. Russian depression travelling away eastwards during day, but that over the Gulf of Genoa increasing in depth without changing its position. Another disturbance appearing off our north-west coasts during the night.

IV.—TEMPERATURE on the Grass, and in the Ground.

	STATION.	Grass Min. No. of Obs. of 30° or less.	Grass Min. Lowest reading.	Mean Earth Temp. At 1 foot.	Mean Earth Temp. At 4 feet.
			°	°	°
2.	York	—	—	46·0	48·0
2.	Hull	1	25	44·7	48·0
3.	Cambridge	1	28	—	—
3.	Dunmow	1	30	—	—
4.	Harrogate	0	31	45·6	45·9
4.	Sheffield	0	32	45·4	47·3
4.	Birmingham	2	30	46·7	48·6
4.	Nottingham	0	33	45·8	47·5
5.	Kew	1	29	47·4	49·2
5.	Canterbury	0	33	47·9	50·1
5.	Portsmouth	1	32	49·3	51·3
6.	Glasgow	1	28	—	—
7.	Newton Rigg	1	20	46·5	46·5
7.	Bettws-y-Coed	0	37	47·6	48·0
7.	Manchester (Oldham Road)	1	29	45·7	48·0
8.	Llangammarch Wells	0	32	47·1	48·3
8.	Bath	—	—	49·4	51·6
8.	Plymouth	—	—	51·7	—
9.	Armagh	1	30	47·9	48·5
9.	Markree	0	33	—	—
10.	Dublin, Trin. Coll.	1	28	47·7	48·3
11.	Guernsey, Brooklyn				

V.—OBSERVATIONS in the UPPER AIR.—Temperature, Humidity and Wind Velocity.

Date of Observation.	Station and its Height above M.S.L.		Heights in feet above Mean Sea Level. Ground Level.	1,000.	3,329	5,000.	6,660.	8,329.	10,000.	Remarks.
1906. November 26th, 3.20 p.m. to 4.19 p.m.	Pyrton Hill, Watlington, Oxon, 500 ft.	Temperature F. Humidity Wind Velocity, m. per hr.	48° 100°/。 W by S	43° 100°/。 W, 30	50° 50% WNW, 30					One kite, 77 sq. ft.; 5,440 ft. wire. Cloud level, 1,300 ft. Sharp inversion of 7° to 8° at about 1,800 ft., with uniform temperature of 50° to 51° to the highest point, 4,100 ft. Overcast.
November 27th, 11.30 a.m. to 12.30 p.m.	Pyrton Hill, Watlington, Oxon, 500 ft.	Temperature F. Humidity Wind Velocity, m. per hr.	55° 80°/。 W N W,—	49° 80°/。 NW, 30	42° 80% NW by W, 30					One kite, 60 sq. ft.; 4,850 ft. wire. Stronger wind, 38 miles per hour at 2,500 ft. Max. height, 3,900 ft. Temp. 40°. Humidity variable. A few detached clouds. Wind NW by W at the highest point.
November 29th, 10.35 a.m. to 11.0 a.m.	Pyrton Hill, Watlington, Oxon, 500 ft.	Temperature F. Humidity Wind Velocity, m. per hr.	52° 90°/。 WSW	48° 100% W by S, 37	44° 100% (W by S, 18)					One kite, 66 sq. ft. With 3,000 ft. out the wire broke midway between ground and kite. The kite fell 1·4 miles E by N in about 1¾ minutes. Overcast.
November 29th, 10.30 a.m. to 11.30 a.m.	Brighton, 380 ft.	Temperature F. Humidity Wind Velocity, m. per hr.	51° 98°/。 W	47° 100% WNW, 25	45° 100% NWbyW, 40					One 7 ft. kite; 5,000 ft. wire. Max. height, 3,300 ft. Lower cloud level, 2,100 ft. At 11.30 kite broke away. Stratus with loose cloud below.
December 1st, 1.17 p.m. to 4.10 p.m.	Glossop Moor, 1,100 ft.	Temperature F. Humidity Wind Velocity, m. per hr.	37°·5 76°/。 NNW,—	35° 78% NNW, 31	27° 85% NNW, 31	19° 62° N by W, 34				Two 9 ft. kites. Wire, 6,750 ft. Max. height, 5,890 ft. Temperature, 15°·5. Humidity, 60%. Wind velocity, 40 miles per hour.
		Temperature F. Humidity Wind Velocity, m. per hr.								
		Temperature F. Humidity Wind Velocity, m. per hr.								

63, Victoria Street, London, S.W. *December 5th, 1906.*

W. N. SHAW, *Director.*

ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE,

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TWENTY-NINTH YEAR. *Vol. XXIII. (New Series.)* No. 49. FORTY-NINTH WEEK, ENDING SATURDAY, DECEMBER 8TH, 1906. [*Price 6d.* *Annual Subscription post paid* £1 10s. 0d.

I.—GENERAL REMARKS.

Weather was rather variable. Many bright intervals were experienced in nearly all districts, but as a rule the sky was cloudy or overcast, and precipitation (chiefly rain in the south, but mingled with hail or sleet in the north) rather frequent. Thunder and lightning occurred in several parts of Scotland and Ireland about the middle of the week, and some lightning was observed in the south of England. Aurora was seen at some stations in the north of Scotland on Saturday night.

Temperature was again above the normal, the excess ranging between 3° and 4° over the Kingdom as a whole, but amounting to only 2° in England S.W., and to about 1° in the English Channel. The highest of the maxima were recorded early in the period, except at some Scotch stations, and ranged from 57° in the Midland Counties, England N.W., Ireland S., and Scotland E., and 56° in most other districts to 54° in Scotland W. The majority of the lowest readings were registered late in the week, and varied from 22° in England E. (at Cambridge) and 23° in England S. to 31° in Scotland N., and to 32° in the Channel Islands. During the greater part of the week the minima were high for the time of year.

Rainfall was above the average in Scotland N. and W., England N.W., Ireland N., and the Midland Counties. Elsewhere the aggregate amounts were small. The largest excess was in Scotland N., and the largest deficit in Ireland S.

Bright Sunshine varied a good deal in different localities, but was only deficient in Scotland N., England N.E. and N.W., and Ireland N. The percentage of the possible duration ranged from 30 in England S.W., 29 in Ireland S., and 28 in England S. to 14 in England N.W., and to only 3 in Scotland N.

Barometer and Wind.—An anticyclone passed over these Islands from the north-westward during Friday, but generally the distribution was cyclonic, with large and deep disturbances beyond our northern coasts. During the night of Wednesday, however, the centre of a cyclonic system moved southwards over this country and the North Sea, and caused a very severe Westerly to North-Westerly gale on all the western and south-western coasts. On the north coast of Ireland the wind blew with the force of a "storm," and over the western half of the English Channel with the force of a "whole gale." The wind was also strong to a gale from the Westward on several parts of our western and southern coasts earlier in the week, and at times blew strongly in the East and North-East.

SUMMARY OF TEMPERATURE, RAINFALL, AND DURATION OF BRIGHT SUNSHINE IN THE UNITED KINGDOM, FOR AGRICULTURAL AND SANITARY PURPOSES.

THE WEEK (49th)—December 2nd to December 8th, 1906.

DISTRICTS. (See p. 290.)	Temperature. Highest.	Lowest.	Means of: Daily Max.	Daily Min.	Daily Mean.	Difference from Av. (35 Yrs.)	Accumulated Number of Day-Degrees. Above 42°	Difference from Av. (25 Yrs.)	Below 42°	Difference from Av. (25 Yrs.)	Rainfall. Number of Rain-Days.	Diff. from Av. (35 Yrs.)	Total Fall.	Difference from Average (35 Yrs.)	Sunshine. Hours recorded.	Diff. from Av. (25 Yrs.)	Percentage of Possible Duration.	Diff. from Av. (25 Yrs.)
	°	°	°	°	°	°	Day-deg.	Day-deg.	Day-deg	Day-deg.			Inches.	Inches.			%	%
0. SCOTLAND, NORTH ..	55	31	47·5	37·0	42·5	+ 3·1	25	+ 14	14	- 10	7	+ 2	2·73	+1·39	1	- 4	3	- 9
Eastern 1. SCOTLAND, EAST ..	57	30	48·7	36·9	43·0	+ 4·4	28	+ 18	14	- 16	5	+ 1	0·53	-0·17	10	+ 2	21	+ 4
Eastern 2. ENGLAND, N.E. ..	56	29	48·8	38·5	43·9	+ 4·1	28	+ 15	10	- 12	5	+ 1	0·35	-0·17	8	- 1	16	- 1
Eastern 3. ENGLAND, EAST ..	56	22	48·9	37·2	43·3	+ 3·0	29	+ 15	13	- 13	5	+ 1	0·28	-0·23	13	+ 3	25	+ 5
Eastern 4. MIDLAND COUNTIES	57	27	48·8	37·5	43·4	+ 3·4	29	+ 14	13	- 15	5	+ 1	0·63	+0·09	10	+ 2	19	+ 3
Eastern 5. ENGLAND, SOUTH ..	56	23	49·2	38·6	44·1	+ 2·8	29	+ 7	10	- 8	4	0	0·31	-0·32	15	+ 5	28	+ 8
Western 6. SCOTLAND, WEST ..	54	29	48·8	38·6	43·9	+ 3·2	28	+ 12	10	- 8	6	+ 2	1·75	+0·55	9	+ 2	18	+ 5
Western 7. ENGLAND, N.W. ..	57	30	49·5	39·6	44·7	+ 3·5	29	+ 11	7	- 11	6	+ 2	1·20	+0·43	8	- 1	14	- 2
Western 8. ENGLAND, S.W. ..	56	25	49·2	39·6	44·6	+ 2·0	28	+ 3	7	- 7	4	0	0·79	-0·17	17	+ 6	30	+11
Western 9. IRELAND, NORTH ..	56	28	49·4	40·2	45·0	+ 3·4	29	+ 11	5	- 12	6	+ 1	1·07	+0·20	9	- 1	17	- 1
Western 10. IRELAND, SOUTH ..	57	26	50·7	40·4	45·8	+ 2·4	33	+ 6	4	- 10	6	+ 1	0·44	-0·58	16	+ 2	29	+ 4
11. ENGLISH CHANNEL	56	32	51·2	45·1	48·3	+ 1·1	44	+ 5	0	- 3	6	+ 1	0·47	-0·49	15	+ 2	26	+ 3

THE SEASON (**Winter**).—Aggregates, &c., for the Period of 1 Week, December 2nd to December 8th, 1906.

0. SCOTLAND NORTH ..	55	31	*	*	*	*	25	+ 14	14	- 10	7	+ 2	2·73	+1·39	1	- 4	3	- 9
Eastern 1. SCOTLAND, EAST ..	57	30	*	*	*	*	28	+ 18	14	- 16	5	+ 1	0·53	-0·17	10	+ 2	21	+ 4
Eastern 2. ENGLAND, N.E. ..	56	29	*	*	*	*	28	+ 15	10	- 12	5	+ 1	0·35	-0·17	8	- 1	16	- 1
Eastern 3. ENGLAND, EAST ..	56	22	*	*	*	*	29	+ 15	13	- 13	5	+ 1	0·28	-0·23	13	+ 3	25	+ 5
Eastern 4. MIDLAND COUNTIES	57	27	*	*	*	*	29	+ 14	13	- 15	5	+ 1	0·63	+0·09	10	+ 2	19	+ 3
Eastern 5. ENGLAND, SOUTH ..	56	23	*	*	*	*	29	+ 7	10	- 8	4	0	0·31	-0·32	15	+ 5	28	+ 8
Western 6. SCOTLAND, WEST ..	54	29	*	*	*	*	28	+ 12	10	- 8	6	+ 2	1·75	+0·55	9	+ 2	18	+ 5
Western 7. ENGLAND, N.W. ..	57	30	*	*	*	*	29	+ 11	7	- 11	6	+ 2	1·20	+0·43	8	- 1	14	- 2
Western 8. ENGLAND, S.W. ..	56	25	*	*	*	*	28	+ 3	7	- 7	4	0	0·79	-0·17	17	+ 6	30	+11
Western 9. IRELAND, NORTH ..	56	28	*	*	*	*	29	+ 11	5	- 12	6	+ 1	1·07	+0·20	9	- 1	17	- 1
Western 10. IRELAND, SOUTH ..	57	26	*	*	*	*	33	+ 6	4	- 10	6	+ 1	0·44	-0·58	16	+ 2	29	+ 4
11. ENGLISH CHANNEL	56	32	*	*	*	*	44	+ 5	0	- 3	6	+ 1	0·47	-0·49	15	+ 2	26	+ 3

THE YEAR.—Aggregates, &c., for the period of 49 Weeks, December 31st, 1905, to December 8th, 1906.

0. SCOTLAND, NORTH ..	89	8	*	*	*	*	2083	+ 65	723	+ 31	245	+28	52·46	+5·82	1164	+ 46	27	+ 1
Eastern 1. SCOTLAND, EAST ..	88	11	*	*	*	*	2436	+137	720	- 53	201	+16	33·73	+4·04	1422	+127	33	+ 3
Eastern 2. ENGLAND, N.E. ..	94	18	*	*	*	*	3016	+444	500	- 89	176	+ 9	22·88	-1·07	1567	+120	37	+ 3
Eastern 3. ENGLAND, EAST ..	93	22	*	*	*	*	3390	+407	441	-217	154	- 9	22·49	-0·50	1778	+254	42	+ 6
Eastern 4. MIDLAND COUNTIES	96	18	*	*	*	*	3220	+320	551	-134	172	+ 7	23·87	-1·07	1524	+194	36	+ 5
Eastern 5. ENGLAND, SOUTH ..	92	20	*	*	*	*	3424	+165	371	-104	164	+ 2	26·49	+0·25	1827	+258	43	+ 6
Western 6. SCOTLAND, WEST ..	89	14	*	*	*	*	2664	+155	464	- 56	203	+11	45·58	+0·09	1415	+ 91	33	+ 2
Western 7. ENGLAND, N.W. ..	90	16	*	*	*	*	2932	+146	418	- 51	195	+15	35·05	+2·64	1489	+151	35	+ 4
Western 8. ENGLAND, S.W. ..	88	19	*	*	*	*	3204	+ 86	363	+ 4	191	+13	38·42	+2·07	1684	+174	40	+ 4
Western 9. IRELAND, NORTH ..	84	20	*	*	*	*	2688	+ 13	405	- 37	240	+24	35·69	+0·84	1330	+ 85	31	+ 2
Western 10. IRELAND, SOUTH ..	81	24	*	*	*	*	3234	+154	300	- 33	221	+28	33·18	-5·15	1473	+ 34	35	+ 1
11. ENGLISH CHANNEL	89	27	*	*	*	*	3830	+108	79	- 44	184	- 4	27·09	-4·96	1913	+ 85	45	+ 2

Bright Sunshine.—For certain of the Districts the values of Bright Sunshine in this Table are based on the records from a part only of the Stations included in Table II. For certain of the Stations Mean Values are not available, and for the Districts containing these Stations the "Difference from Average" is based on the records from a smaller number of Stations than those supplying the values for "Hours Recorded."

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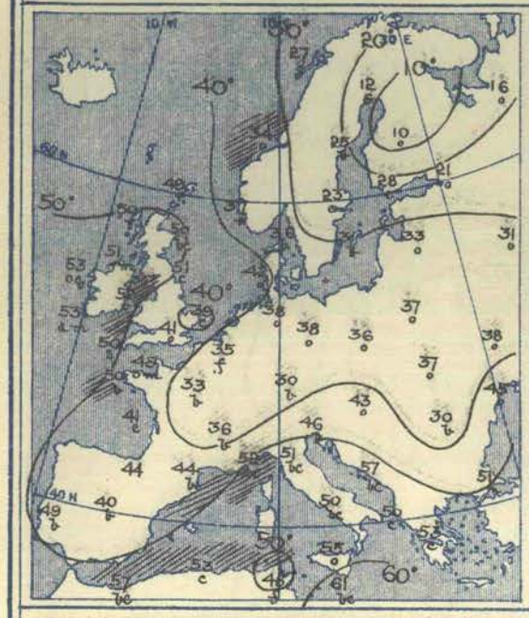
December 2-8, 1906.		Temperature. In Degrees Fahrenheit.								Rainfall.			Bright Sunshine.			
Districts.	Names of Stations.	Highest observed.	Lowest observed.	Mean for the Week. Of Highest each day.	Mean for the Week. Of Lowest each day.	Mean for the Week. For whole of each day.	Difference of Daily Average from Mean for the Week.	Accumulated Heat for the Week (in Day-degrees). Above 42°	Accumulated Heat for the Week (in Day-degrees). Below 42°	Number of Rain-Days.	Rainfall in the Week.	Difference from the Mean for the Week.	Number of Hours recorded.	Difference from the Mean for the Week.	Percentage of possible duration.	Difference from the Mean for the Week.
		°	°	°	°	°	°	Day-deg	Day-deg		Inches.	Inches.	Hrs.	Hrs.	%	%
0. SCOTLAND, N.	†Sumburgh Head (Deerness)	50	34	45·4	37·0	41·4	+ 1·0	10	21	7	1·13	+ 0·13	1·5	- 4·0	3	- 9
	Wick	55	33	46·4	35·9	41·4	+ 2·2	12	26	6	1·10	+ 0·44	*	*	*	*
	†Lairg (Strathpeffer) Ⓢ	52	31	46·7	34·7	40·9	+ 1·2	13	30	7	2·01	+ 1·18	1·1	- 5·5	2	- 12
	Stornoway	53	35	48·1	33·9	43·7	+ 3·2	25	9	7	1·24	- 0·04	1·9	- 5·1	4	- 11
	Glencarron Ⓢ	51	33	47·6	36·6	42·3	+ 3·6	25	15	7	7·30	+ 5·06	*	*	*	*
	Fort Augustus Ⓢ	53	33	48·4	37·1	43·0	+ 3·6	28	14	7	2·46	+ 1·28	0·3	- 1·5	1	- 3
	Fort William Ⓢ	53	35	49·9	39·1	44·7	+ 3·7	31	8	7	3·84	+ 1·70	*	*	*	*
1. SCOTLAND, E.	Nairn	55	34	48·6	37·4	43·2	+ 4·4	28	13	7	0·87	+ 0·40	3·1	—	7	—
	Aberdeen	57	34	48·1	39·1	43·8	+ 4·1	25	8	4	0·26	- 0·47	9·8	- 0·2	21	0
	†Balmoral (Crathes) Ⓢ	55	30	48·4	35·0	42·0	+ 5·8	18	20	7	0·63	- 0·19	12·3	—	26	—
	†Clathick (Balruddery) Ⓢ	55	30	51·4	35·5	43·8	+ 5·2	40	18	5	0·56	- 0·46	16·6	—	35	—
	†Leith (Edinburgh) Ⓢ	54	37	48·7	40·0	44·5	+ 4·2	26	6	5	0·31	- 0·17	10·1	+ 4·6	21	+ 9
	Marchmont Ⓢ	52	30	47·0	34·3	40·9	+ 2·4	14	32	4	0·57	- 0·16	8·8	+ 0·5	18	+ 1
2. ENGLAND, N.E. — Northern part.	†Alnwick Castle (Cockle Park)	56	32	49·0	38·4	43·9	+ 4·3	28	10	3	0·35	- 0·41	10·2	—	20	—
	†Shields (Newcastle)	54	33	48·7	37·6	43·4	+ 2·9	28	12	4	0·21	- 0·32	5·1	- 0·4	10	- 1
	Durham	54	32	50·0	38·4	44·4	+ 5·8	32	10	5	0·60	+ 0·06	8·1	- 1·8	16	- 4
	Scarborough Ⓜ	54	35	49·7	41·4	45·7	+ 5·1	28	2	5	0·38	- 0·22	5·8	—	11	—
	York	55	33	50·4	38·3	44·6	+ 5·0	34	10	4	0·29	- 0·16	6·8	+ 0·5	13	+ 1
2. ENGLAND, N.E. — Southern part.	†Spurn Head (Saltburn)	52	37	48·0	40·3	44·3	+ 3·0	23	5	4	0·23	- 0·21	4·0	—	8	—
	†Lincoln (Skegness)	54	30	47·5	37·0	42·5	+ 3·4	25	14	6	0·29	- 0·15	12·7	—	24	—
	†Fulbeck (Rauceby)	53	29	46·9	36·6	42·0	+ 3·2	14	15	6	0·47	+ 0·04	10·5	—	20	—
	(Cromer)												9·4	—	18	—
ENGLAND, E. — Northern part.	Hillington Ⓜ	53	29	48·9	35·7	42·6	+ 3·6	31	18	4	0·33	- 0·26	10·4	+ 0·7	20	+ 1
	†Yarmouth (Lowestoft)	52	33	47·1	38·9	43·2	+ 2·6	21	9	4	0·12	- 0·43	14·7	—	27	—
	Geldeston	54	30	49·7	36·3	43·3	+ 3·1	33	16	6	0·23	- 0·27	13·6	+ 2·2	25	+ 4
	(Dunmow)												15·6	—	29	—
ENGLAND, E. — Southern part.	Cambridge	54	22	49·6	35·5	42·8	+ 3·3	33	18	5	0·25	- 0·17	11·5	+ 1·3	21	+ 2
	Felixstowe	56	31	50·8	37·9	44·6	+ 3·7	35	11	4	0·28	—	14·0	—	26	—
	Clacton-on-Sea	53	32	47·9	37·4	42·9	+ 2·5	26	13	4	0·40	—	12·8	—	24	—
	Rothamsted	54	27	48·3	36·2	42·5	+ 2·5	28	16	6	0·39	- 0·19	18·2	+ 7·9	34	+ 15
	†Shoeburyness (Southend)	55	32	49·1	38·3	43·9	+ 2·5	29	10	4	0·19	- 0·25	21·7	—	40	—
	London, Westminster	55	29	49·0	38·9	44·2	+ 3·3	28	9	5	0·29	- 0·21	5·6	+ 1·9	10	+ 4
4. MIDLAND COUNTIES. — Eastern part.	Harrogate	52	32	47·7	37·4	42·8	+ 3·8	25	13	6	0·62	+ 0·02	10·7	—	21	—
	†Bawtry (Worksop)	55	30	48·4	37·3	43·1	+ 4·5	27	13	6	0·67	+ 0·27	3·7	- 3·9	7	- 7
	Nottingham	55	30	48·4	37·4	43·1	+ 3·4	27	13	4	0·60	+ 0·15	4·9	—	9	—
	†Colly Weston (Oundle)	57	31	50·7	37·1	44·2	+ 4·8	36	14	7	0·53	+ 0·03	13·2	—	24	—
	Birmingham, Edgbaston	53	32	48·3	38·0	43·4	+ 3·2	27	11	6	0·58	+ 0·17	4·5	—	8	—
	Oxford	55	30	48·7	37·7	43·4	+ 3·0	28	12	5	0·38	- 0·09	14·0	+ 3·4	26	+ 6
4. MIDLAND COUNTIES. — Western part.	†Cheadle (Sheffield) Ⓜ	51	31	47·1	36·0	41·8	+ 3·0	14	26	6	1·61	+ 0·95	6·9	—	13	—
	Shrewsbury	56	29	51·3	39·7	45·7	+ 3·4	36	6	5	0·59	—	*	*	*	*
	Hereford Ⓜ	55	29	49·2	37·8	43·7	+ 3·8	30	12	5	0·39	- 0·18	*	*	*	*
	Cirencester	55	27	48·1	36·4	42·5	+ 3·3	27	16	4	0·45	- 0·19	15·7	+ 6·0	29	+ 11
	Bath	55	27	49·3	38·1	43·9	+ 1·7	30	11	5	0·46	- 0·21	19·5	—	36	—
	(Margate)												10·8	- 0·2	20	0
5. ENGLAND, S.	Kew	55	29	49·5	38·2	44·1	+ 3·4	31	11	4	0·29	- 0·14	13·4	+ 4·0	24	+ 7
	Wisley, Surrey	55	27	48·5	37·6	43·3	+ 2·1	28	12	5	0·34	—	13·4	—	24	—
	†Swarraton (Ventnor) Ⓜ	54	23	47·5	35·9	41·9	+ 2·3	15	27	5	0·36	- 0·32	18·9	+ 7·0	34	+ 13
	Tunbridge Wells Ⓜ	54	28	47·6	36·6	42·3	+ 2·7	25	15	6	0·26	- 0·44	14·9	+ 3·9	27	+ 7
	†Dungeness (Littlestone)	55	27	49·1	39·3	44·4	+ 2·0	28	8	4	0·41	- 0·15	13·3	—	24	—
	Hastings	55	33	49·4	37·8	43·8	+ 1·9	33	12	3	0·34	- 0·37	15·1	+ 1·7	27	+ 3
	Southampton	56	32	51·1	40·3	45·9	+ 4·1	34	5	3	0·27	- 0·43	18·6	+ 7·1	34	+ 13
	†Portland Bill (Worthing)	55	37	50·9	43·1	47·2	+ 4·1	36	0	3	0·20	—	19·6	—	35	—
	(Eastbourne)												16·2	+ 4·0	29	+ 7
6. SCOTLAND, W.	†Laudale (Oban)	54	33	51·8	38·6	45·5	+ 4·1	39	10	7	3·00	+ 0·93	2·5	—	5	—
	Glasgow Ⓢ	52	35	49·2	38·3	44·0	+ 4·1	30	10	6	1·39	+ 0·49	5·8	+ 2·4	12	+ 5
	Dumfries Ⓢ	53	32	47·3	38·1	42·9	+ 3·3	23	11	6	1·27	+ 0·33	*	*	*	*
	Cally Ⓢ	47	29	45·3	37·6	41·6	+ 1·7	9	19	6	1·72	+ 0·49	*	*	*	*
	Douglas, Isle of Man	54	29	50·4	40·2	45·5	+ 2·6	32	5	6	1·39	+ 0·31	12·7	+ 2·2	24	+ 4
7. ENGLAND, N.W.	Aspatria	52	31	48·4	38·1	43·5	+ 4·0	27	11	6	1·46	+ 0·53	1·5	—	3	—
	Newton Rigg	53	31	48·3	36·6	42·7	+ 4·5	28	15	6	1·18	+ 0·33	5·1	- 3·3	10	- 7
	Stonyhurst	52	30	47·5	37·7	42·8	+ 3·1	24	12	6	2·48	+ 1·48	5·1	- 1·6	10	- 3
	Blackpool Ⓜ	52	30	49·5	39·3	44·6	+ 3·9	30	8	6	0·73	0·00	8·9	+ 1·6	17	+ 3
	Manchester, Prestwich	53	30	48·5	38·1	43·5	+ 3·9	27	11	6	1·58	+ 0·82	6·2	+ 1·8	12	+ 3
	†Liverpool Obs. (Hoylake)	55	37	49·6	41·0	45·5	+ 4·1	29	3	6	0·77	+ 0·20	11·3	—	21	—
	†Hawarden Bridge (Southport)	57	33	50·8	39·3	45·3	+ 2·9	34	8	5	0·81	+ 0·35	10·1	—	19	—
NORTH WALES	Llandudno Ⓜ	54	35	50·3	42·7	46·7	+ 3·2	33	0	6	0·78	+ 0·09	6·2	- 3·0	12	- 6
	†Holyhead (Aberdovey)	53	38	49·7	42·7	46·3	+ 2·2	30	0	6	0·60	- 0·30	12·8	—	24	—
	Bettws-y-Coed	56	30	52·0	40·3	46·4	+ 2·8	38	5	6	1·56	—	10·0	—	19	—
8. SOUTH WALES	Llangammarch Wells	53	25	47·8	35·6	41·9	+ 0·7	16	28	6	1·66	—	10·6	—	20	—
	Pembroke	56	37	51·6	43·7	47·8	+ 2·7	41	0	4	0·36	- 0·57	17·8	+ 6·4	33	+ 12
	†Cardiff (Aberystwyth)	54	28	49·3	38·3	44·0	+ 1·5	30	10	4	0·74	- 0·23	15·5	—	29	—
8. ENGLAND, S.W.	†Clifton (Torquay)	54	31	48·9	39·9	44·6	+ 2·6	27	6	4	0·34	- 0·39	21·6	+ 9·2	39	+ 17
	†Shaftesbury (Marlborough) Ⓜ	52	32	46·0	37·8	42·1	+ 2·3	18	12	4	0·51	- 0·25	14·0	+ 5·3	26	+ 10
	†Arlington (Newquay)	52	28	48·0	38·7	43·5	+ 2·0	24	9	4	1·77	+ 0·47	16·5	+ 3·5	30	+ 6
	Cullompton Ⓜ	54	27	48·9	38·8	44·1	+ 2·8	28	9	5	0·64	- 0·21	15·5	+ 6·0	28	+ 11
	Plymouth	55	32	51·3	41·2	46·5	+ 2·1	35	2	5	0·38	- 0·49	18·8	+ 6·8	34	+ 12
	Falmouth	54	36	50·8	42·8	47·0	+ 1·4	35	0	4	0·71	- 0·54	21·0	+ 7·5	38	+ 13
9. IRELAND, N. — Western part.	Malin Head	52	39	48·7	42·6	45·8	+ 3·0	27	0	6	1·27	+ 0·53	*	*	*	*
	Edenfel	53	30	48·3	38·7	43·7	+ 4·3	26	9	6	1·07	+ 0·22	*	*	*	*
	Blacksod Point	53	37	50·0	41·3	45·8	+ 1·7	30	2	7	1·34	+ 0·05	*	*	*	*
	Markree Castle	56	28	50·8	39·4	45·3	+ 4·6	34	7	6	1·08	+ 0·13	9·7	+ 1·0	19	+ 2
9. IRELAND, N. — Eastern part.	Armagh	54	34	49·1	39·7	44·6	+ 4·4	28	6	6	0·94	+ 0·28	7·9	- 1·7	15	- 3
	Donaghadee	54	34	49·7	39·4	44·8	+ 2·3	31	7	6	0·71	- 0·03	*	*	*	*
10. IRELAND, S. — Eastern part.	†Dublin, City (Phœnix Park)	56	33	51·7	41·8	47·0	+ 3·7	36	1	6	0·36	- 0·20	9·7	- 2·9	18	- 6
	Kilkenny	54	26	48·9	38·9	44·1	+ 2·2	28	9	5	0·31	- 0·43	*	*	*	*
	Waterford	57	31	51·0	40·3	45·9	+ 3·6	34	5	4	0·14	- 0·31	*	*	*	*
10. IRELAND, S. — Western part.	Birr Castle	55	27	49·6	37·0	43·6	+ 2·8	32	14	6	0·43	- 0·28	16·2	+ 4·7	31	+ 9
	Foynes	54	32	49·2	40·0	44·8	+ 1·7	28	6	7	0·78	- 0·22	*	*	*	*
	Killarney	56	29	51·5	40·4	46·2	+ 1·9	36	4	7	0·74	- 0·80	*	*	*	*
	Valencia	55	31	51·7	41·7	46·9	+ 0·6	36	1	6	0·58	- 0·85	16·0	+ 5·0	30	+ 9
	†Roches Point (Ballinacurra)	57	36	51·6	43·1	47·5	+ 2·5	39	0	5	0·15	- 1·05	19·9	—	36	—
11 ENGLISH CHANNEL	Scilly, St. Mary's	54	44	51·4	46·4	49·0	+ 1·0	49	0	6	0·44	- 0·48	18·1	+ 5·1	32	+ 9
	†Jersey, St. Aubins (St. Heliers)	56	32	51·6	44·1	48·0	+ 0·7	42	0	7	0·55	- 0·37	13·8	- 1·6	24	- 3
	Guernsey	54	34	50·7	44·6	47·8	+ 1·6	41	0	5	0·43	- 0·62	11·8	+ 1·0	21	+ 2

Information for Stations marked Ⓜ is supplied by the Royal Meteorological Society, and that for Stations marked Ⓢ is supplied by the Scottish Meteorological Society.
* An Asterisk is inserted in all places for which the information is not usually given.
† There is no Sunshine Recorder in use at this Station. The figures entered for Sunshine are those recorded at a Station in the same district of which the name is given in brackets.

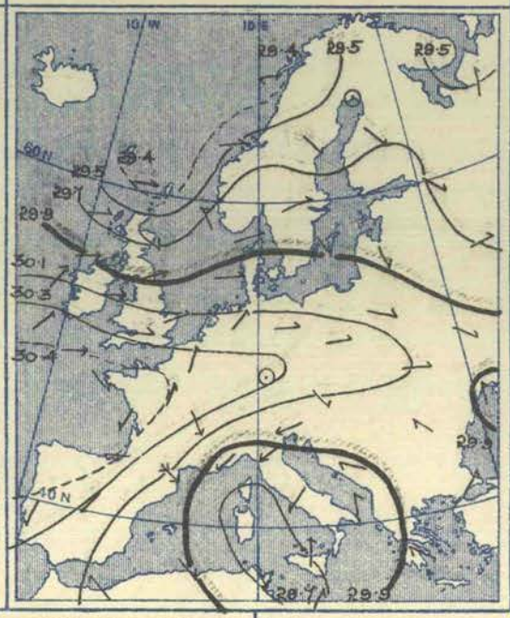
Additional Sunshine Totals for the week: Ramsgate, 13·6 hrs., 25 %; Brighton, 15·2 hrs. (+ 3·4), 27 % (+ 6 %); Bournemouth, 19·0 hrs., 34 %; Bognor, 20·1 hrs., 36 %; Rhyl, 8·8 hrs., 17 %; Tenby, 21·9 hrs. (+ 10·6), 41 % (+ 20 %).

Sunday, 2nd December, 1906.

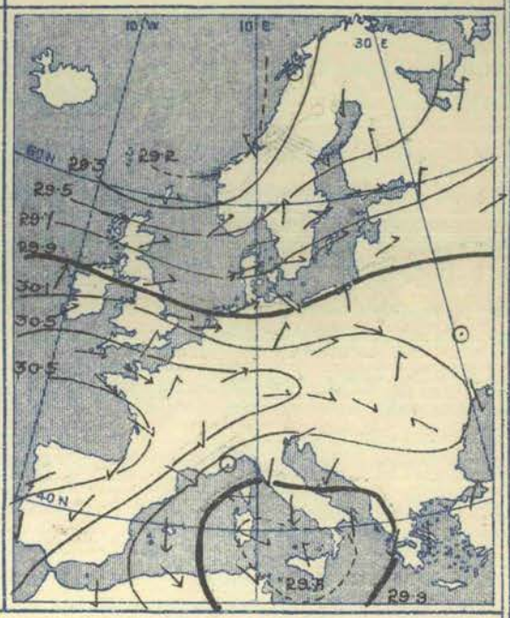
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. cloudy or overcast in most places and very unsettled over a considerable portion of our area. Snow falling in the north of Scandinavia and at Memel and rain at Skudesnaes and at some of our own stations, as well as at La Calle. Fine and bright conditions prevailing in the Spanish Peninsula and over most parts of France. Heavy rain later in Algeria, Sicily, and Malta, and also on the west coast of Norway, and smaller quantities in most parts of these Islands, Germany, and Denmark.

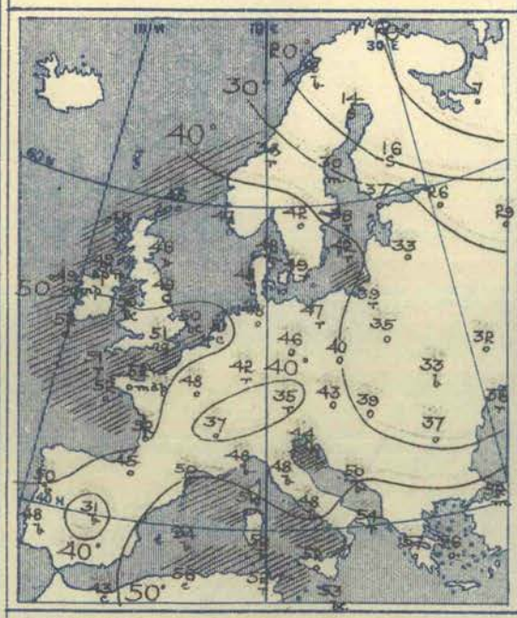
TEMPERATURE in morning higher than during the preceding day over the most north-western countries, as well as in the south and south-east of our area; lower in the central countries. Readings at 8 a.m. ranging from 61° at Malta and above 50° at several other southern stations in the west of our Islands to below 40° over the greater portion of the Continent, and much below 32° in the north-east. Lowest readings, 10° at Kuopio and 5° at Uleaborg. Severe frost continuing in the far north-east all day, but thermometer rising to above 50° in this country and most of France, and to about 60° in the far south of Europe.

WIND in morning showing a complete and extensive cyclonic circulation over the Mediterranean region; moderate to strong in force generally and blowing a gale at Perpignan. A moderate to fresh current, mainly from the Westward, prevailing over these Islands and in most parts of Northern Europe. A considerable increase in force occurring over our Islands by evening, but little other change.

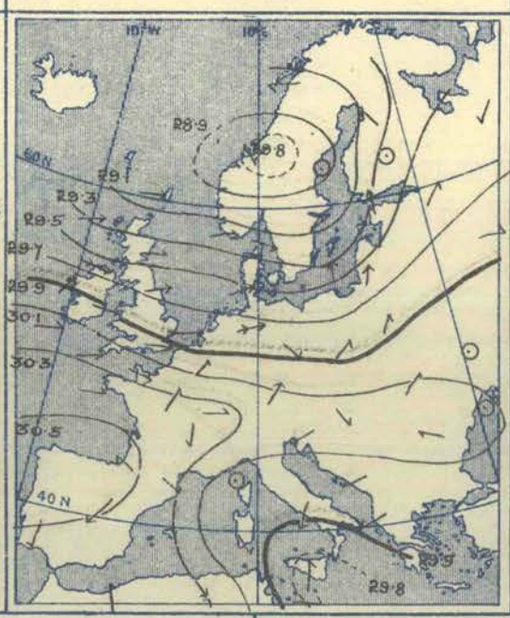
BAROMETER in morning ranging from above 30·4 ins. in an anticyclone over the Bay of Biscay region to less than 29·7 ins. in a large depression over the Mediterranean, and to below 29·4 ins. in another system to the northward of the Shetlands. Anticyclone increasing somewhat in intensity later and pressure decreasing in Scotland and Norway. Mediterranean disturbance becoming rather less deep and gradients in its neighbourhood decreasing slightly.

Monday, 3rd December, 1906.

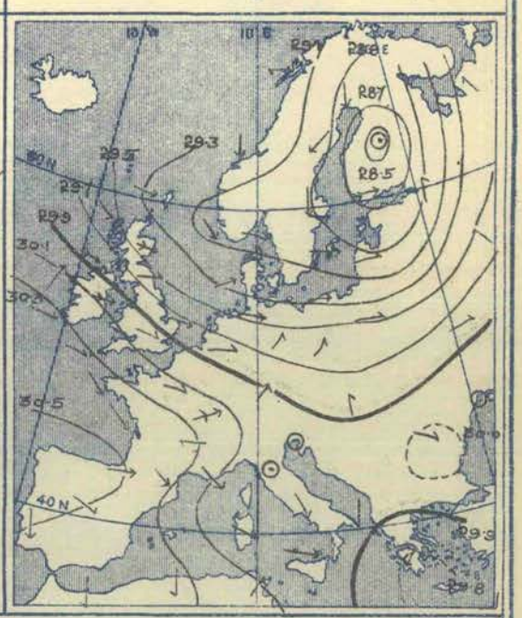
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine and bright over the Spanish Peninsula and fair in many other localities but overcast generally, with snow in the north of Sweden and rain in various parts of our Islands and Central Europe, and also at Brindisi and La Calle. Rain experienced later in most parts of these Islands and in several Continental regions. Amounts small in most places.

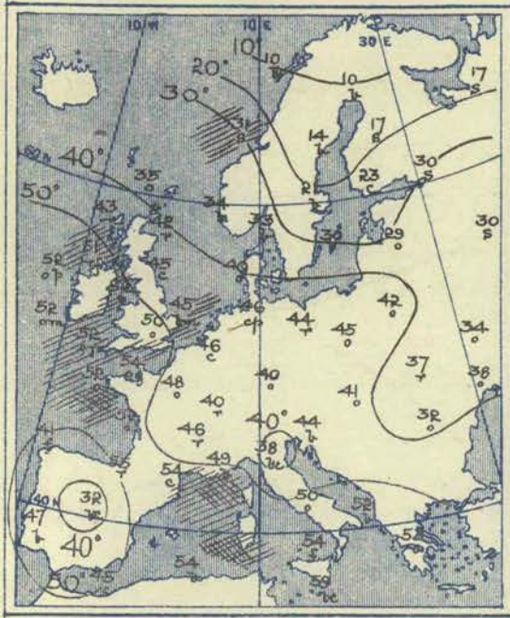
TEMPERATURE fallen in Ireland and Scotland, risen over England and the major portion of the Continent. Readings in morning, highest 57° at Patras and 56° at Algiers. Lowest, 14° at Haparanda and 7° at Archangel. Above 50° over our own southern and south-western districts and below 40° over most of the Continent. Thermometer rising to 57° at Torquay during day and to 66° at a few stations in the Mediterranean region. Frost continuing all day in the extreme north, and maxima below 45° at some stations in the central countries.

WIND in morning fresh or strong from the Westward over these Islands and the adjacent part of the Continent, with a gale at the mouth of the Elbe; drawing into South over the Baltic and Finland, and into East in the far north of Norway. Moderate to strong winds from between North-West and North-East prevailing over the Mediterranean. Veering towards North-West and increasing to a gale on many of our own coasts by evening.

BAROMETER in morning ranging from above 30·5 ins. over Spain, the adjoining portion of the Bay of Biscay, to less than 29·8 ins. in a depression over Sicily, and to below 28·8 ins. in a very deep disturbance over Norway. A band of relatively high pressure extending from the Bay of Biscay to the Black Sea. Norwegian disturbance travelling quickly eastwards later and becoming still deeper. Barometer rising briskly on our north-west coasts and gradient growing steep over these Islands generally.

Tuesday, 4th December, 1906.

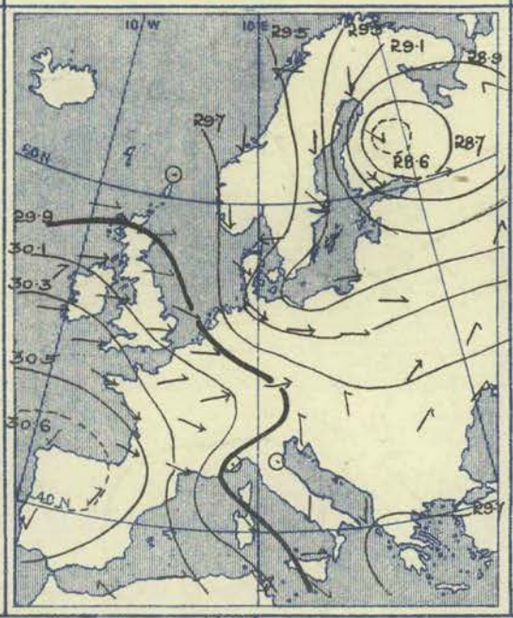
Temperature and Weather. 8 a.m.

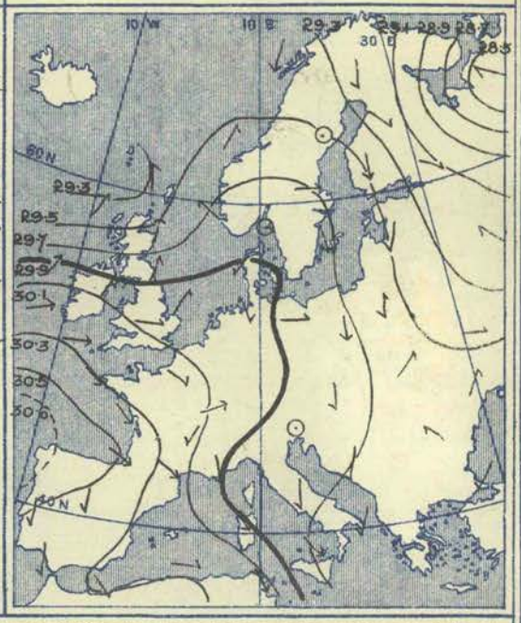


WEATHER at 8 a.m. fine and bright in a few scattered localities, but very cloudy or overcast in most regions. Rain falling in various parts of our Islands, France, and Germany, and snow at Christiansund and at several Russian stations. More or less rain experienced later over our Islands and the nearer countries of the Continent. Largest amounts, 0·75 in. at Lyons and 0·79 in. at Skudesnaes.

TEMPERATURE changed rather irregularly. Readings in morning ranging from 59° at Malta and La Calle and 58° at Cagliari to below 40° in the extreme north of these Islands and at many Continental stations, and to much below 32° in the far north. Lowest reading 10° in the north of Scandinavia. Rising during day to about 60° in the most southern regions, but remaining below 50° over a considerable portion of our area and not rising to 32° at some places in the extreme north and north-east. Maxima in this country 57° at Roche's Point and Torquay.

Barometer and Wind. 8 a.m. and 6 p.m.



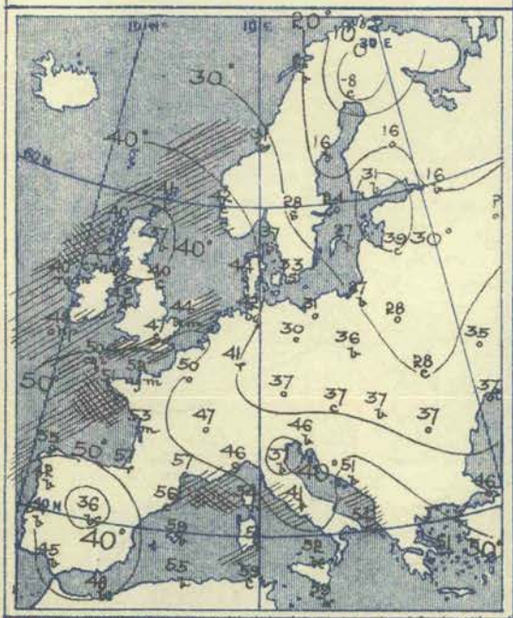


WIND at 8 a.m. showing a cyclonic circulation, strong to a gale, over the northern countries of the Continent and fresh to strong North-Westerly breezes over Italy and its vicinity. Light to fresh or strong Westerly breezes prevailing over the United Kingdom. Backing to the Southward or South-Westward on our northern coasts later and increasing greatly in force during night. A North-Westerly gale springing up over certain parts of the Mediterranean.

BAROMETER in morning above 30·6 ins. in an anticyclone covering the greater part of Spain below 29·7 ins. in an ill-formed depression over Italy and South-Eastern Europe, and as low as 28·6 ins. in a very deep system centred over Finland. Latter disturbance travelling quickly eastwards during day, but another depression in the far north-west producing a rapid fall of the barometer in Scotland during the night. An increase in the gradient taking place both over this country and the Mediterranean.

Wednesday, 5th December, 1906.

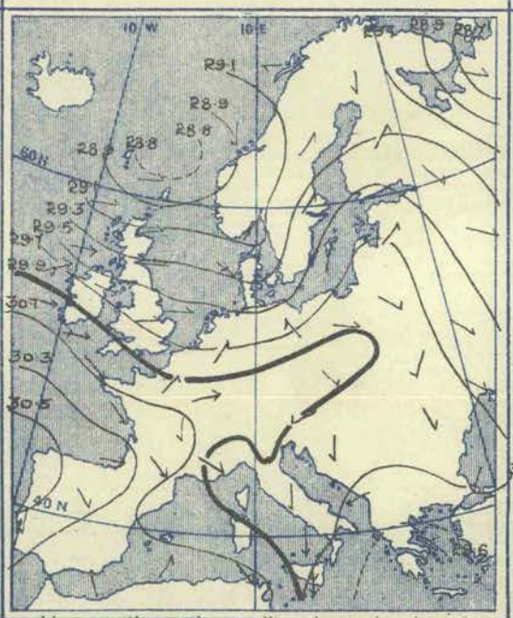
Temperature and Weather. 8 a.m.

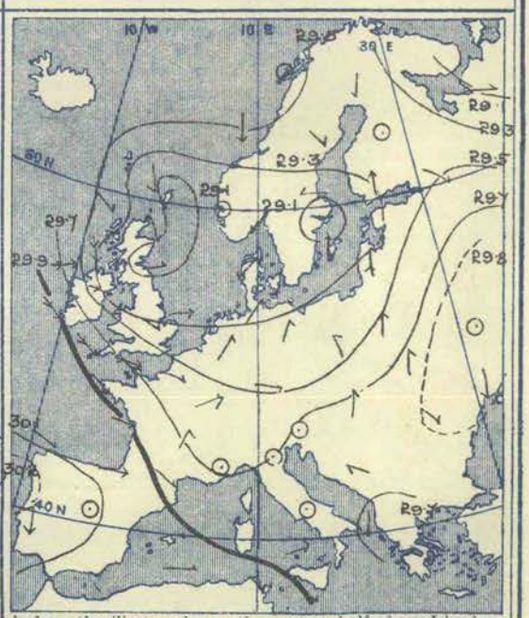


WEATHER at 8 a.m. fine and bright in most parts of Italy, Algeria, and in many other southern regions. Overcast in the greater part of our area, with rain at various stations in the United Kingdom and their vicinity, and also at Brindisi and Athens, and snow over the South of Scandinavia. Thunderstorms later in the south-west of Ireland, at Darwen, and Dungeness, and lightning in several parts of our Islands. Rain falling very generally over the western and northern countries.

TEMPERATURE fallen generally, risen over Russia; readings in morning ranging from 8° below zero at Haparanda to about 32° at several places in Central Europe, to nearly 50° on our own southern coasts, and to above 50° in the far south of our area. Highest values 59° at Malta, La Calle, and Palma. Maxima during day below 45° in many parts of this country and the central regions of Europe and below 32° in the extreme north, but above 60° on several shores of the Mediterranean.

Barometer and Wind. 8 a.m. and 6 p.m.



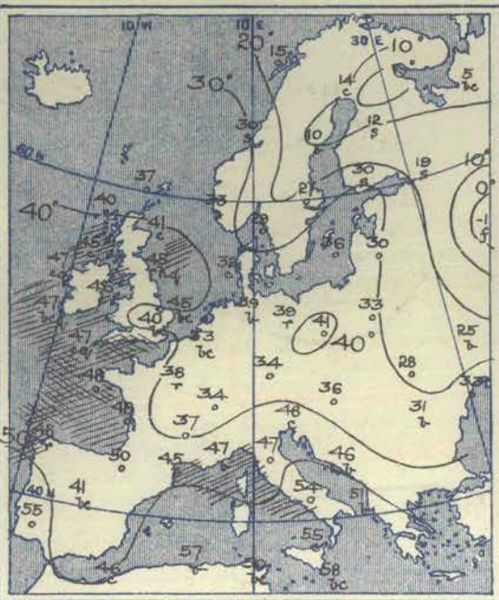


WIND in morning strong to a gale from the West-ward over the western half of our Islands generally and blowing a whole gale at Malin Head. A strong gale from South-West prevailing at Skagen and from South South-East at Faerder. A Northerly current, strong to a gale, blowing over the central portion of the Mediterranean. Wind increasing during day to the force of a "storm" at Malin Head and to a "whole gale" over the western half of the English Channel. Wind veering to the Northward in Scotland by 6 p.m.

BAROMETER at 8 a.m. above 30·5 ins. over the north-west of Spain and relatively high in a band stretching thence to Poland. As low as 28·8 ins. in a very important depression centred off the Shetlands. Gradients steep over north-western Europe generally, especially over Ireland. Disturbance undergoing some modification in form and intensity during day and moving in a southerly direction down the North Sea and over our northern districts. Gradient increasing still further in the north-west and west of these Islands, and becoming exceedingly steep over Ireland. Baric rise in the north as the depression travelled southwards remarkably rapid.

Thursday, 6th December, 1906.

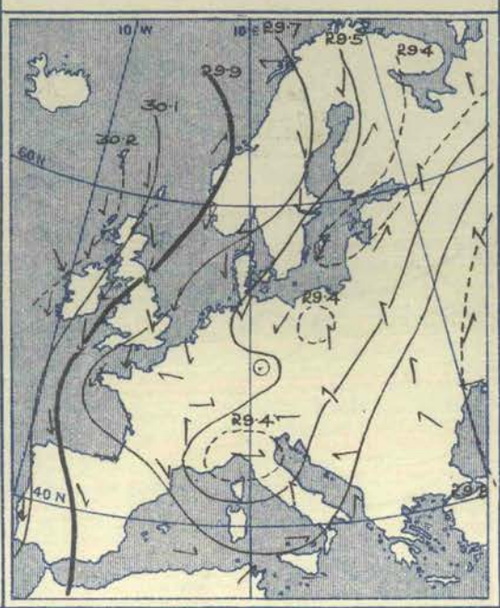
Temperature and Weather. 8 a.m.



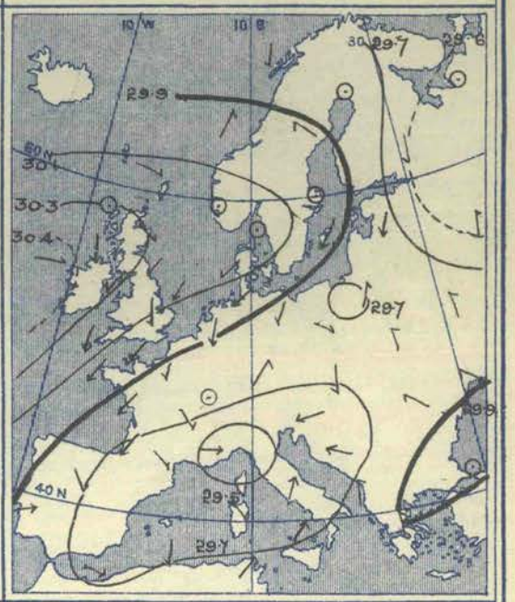
WEATHER at 8 a.m. fine and bright in a few scattered localities, but very unsettled generally, with passing showers or steady rain in many places, hail at North Shields and Jersey, and snow in Finland and at St. Petersburg. Rain in many parts of Southern Europe during day as well as over the central regions and at a few of our own stations.

TEMPERATURE changed very irregularly; fallen in the south of England and over France. Readings in morning below the freezing point over the north and north-east of our area, and below zero in places. Below 40° over the Continent as a whole, but above 50° on some shores of the Mediterranean. Rising to about 60° during day in various places in the far south and touching 68° at Nemours. Maxima low over our area as a whole; below 50° over Great Britain and Ireland, and severe frost continuing in the north of Europe. Frost during succeeding night over Central England and Ireland.

Barometer and Wind. 8 a.m.



6 p.m.

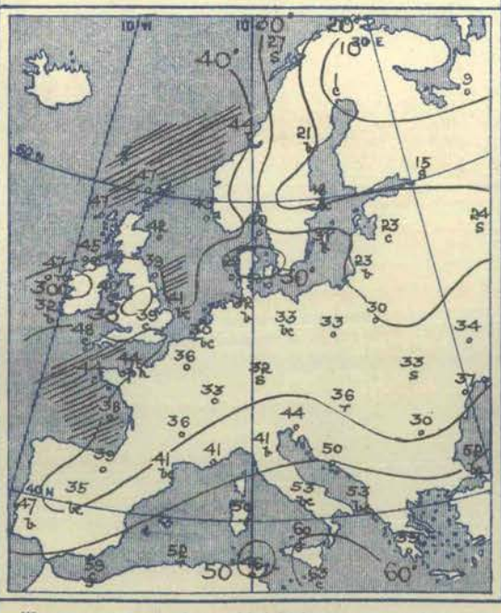


WIND in morning very strong or high from the Northward over the greater part of our Islands and the north of France, and blowing a gale at Donaghadee and Brest. A complete cyclonic circulation prevailing over Italy and its neighbourhood as well as over Germany. A strong gale from the North-Eastward blowing over the upper part of the Baltic, but a light breeze from West-South-West shown at Christiansund. Wind backing towards West on our northern and north-western coasts during succeeding night.

BAROMETER in morning above 30·2 ins. off our north-west coasts—pressure risen more than 1·2 in. in the extreme north of Scotland during the preceding twenty-four hours. Barometer relatively high in the south-east and east of Europe. Low pressure systems covering considerable tracts of country from Italy to Finland, but barometer not lower than about 29·35 ins. Another fall of the mercury setting in later in the north of Scotland and north-west of Ireland, accompanied by a very brisk rise in the south of our Islands and the adjacent portion of the Continent. Pressure increasing briskly over England and France.

Friday, 7th December, 1906.

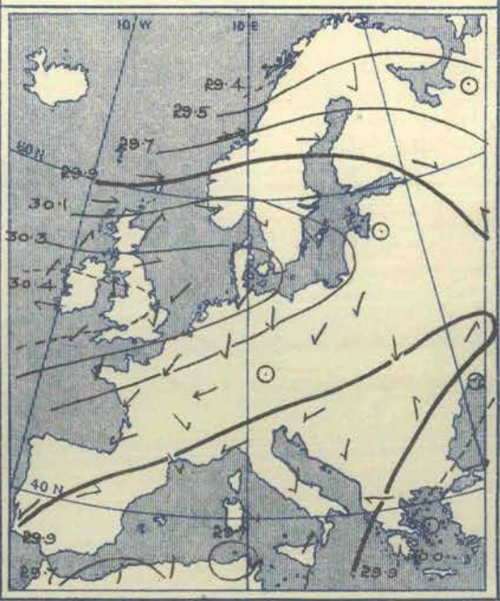
Temperature and Weather. 8 a.m.



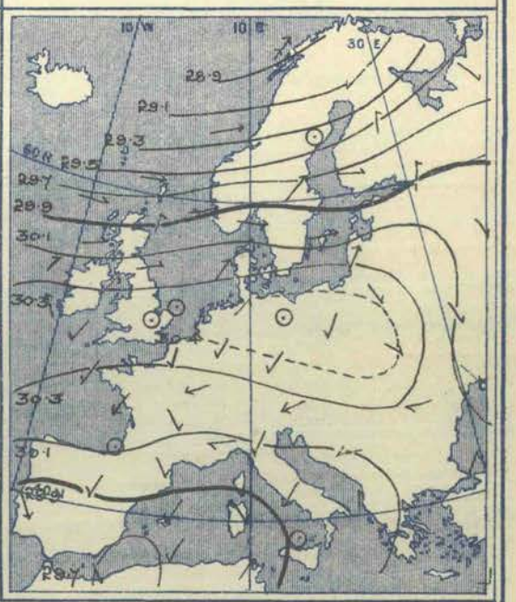
WEATHER at 8 a.m. fine and bright in many parts of England, Ireland, the Spanish Peninsula, and Sweden; cloudy or overcast as a whole, with rain at Algiers, and rain or snow in various parts of Central and Northern Europe. More or less rain later in many parts of Southern Europe, Austria-Hungary, and the north-west of our Islands. Very fine and bright over the United Kingdom generally.

TEMPERATURE fallen over England, changed irregularly over our area generally. Readings at 8 a.m. as low as 29° or 30° over Central England and Ireland and only a little higher over the major portion of Central Europe. Above 55° in the far south of our area and not much above zero in the far north. Maxima during day as high as 55° at Wick, but only about 40° over Central England and the north and east of France. Thermometer rising to 69° at Palermo and to above 60° at some other extreme southern stations, but only touching 52° at Rome.

Barometer and Wind. 8 a.m.



6 p.m.

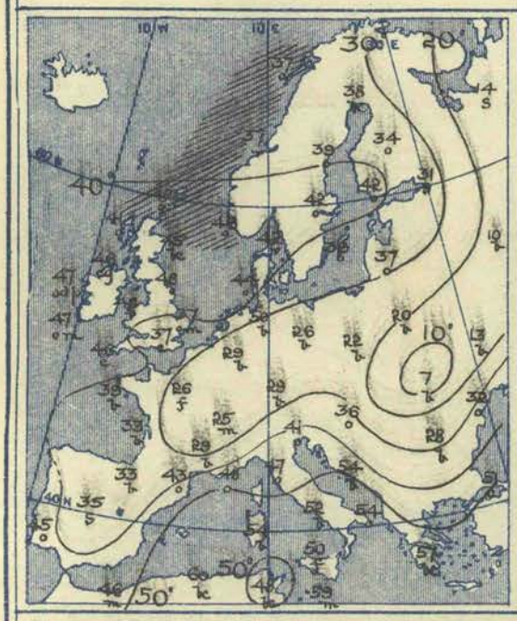


WIND in morning Westerly at nearly all stations in the north of our area, and strong to a gale on the west coast of Norway. A North-Easterly current prevailing over most parts of southern and south-eastern Europe. Westerly current extending over all the more northern countries by evening or during the night and blowing a gale in Norway and very strongly in the extreme north of our Islands.

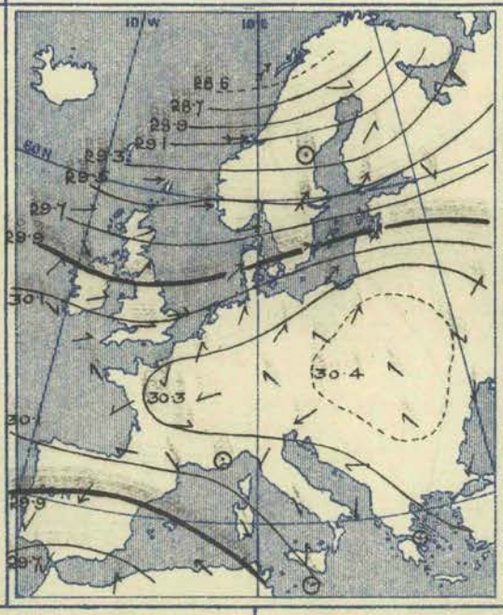
BAROMETER in morning 30·3 ins. to above 30·4 ins. in an anticyclone extending from the Atlantic across this country to North Germany. Below 29·4 ins. in a very large depression off the north-west of Norway, and relatively low over the Mediterranean and the south-east of Europe. Central part of anticyclone becoming transferred to Germany and Austria-Hungary by evening and a large depression extending over this country and Scandinavia from the North-Westward.

Saturday, 8th December, 1906.

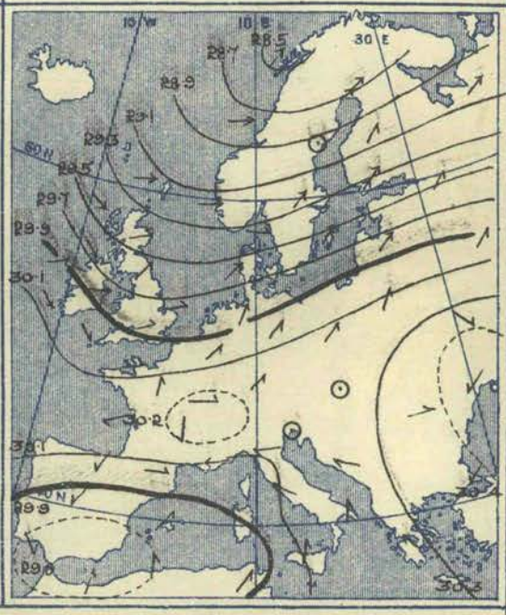
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fair or fine over nearly the whole of Central and Southern Europe and the north of Africa; cloudy or overcast elsewhere, with rain at some of our own stations and in the north-west of Norway, and snow in the north of Russia. Snow also falling at Madrid. Rain later in most parts of our area except the central countries, snow or sleet in Scotland. Rain heavy at Barcelona and the adjacent portion of France.

TEMPERATURE risen over our Islands and Scandinavia, very rapidly in Sweden, fallen elsewhere. Readings in morning highest, 60° at Algiers, 59° at Malta, and above 50° at a few other southern stations. Lowest, (1) 7° to 22° over Poland, (2) 10° at Moscow and 14° at Archangel, (3) 35° at Madrid. Maxima during day low generally; many degrees below 32° in Poland, only about 32° at some German stations, and less than 50° in the north of Italy, the major portion of France, and at nearly all our own stations.

WIND in morning mainly Westerly over our Islands and the northern half of the Continent.

A gale reported over the greater part of Scandinavia and the Gulf of Finland and a high wind in the Shetlands. Moderate to fresh or strong winds from East or North-East prevailing over the Mediterranean region. Wind veering towards North-West in most parts of our Islands during day and blowing strongly. Westerly gale continuing over Scandinavia.

BAROMETER in morning ranging from above 30·4 ins. in a very extensive anticyclone covering the eastern portion of Central Europe, to less than 29·7 ins. over Morocco and its neighbourhood, and to below 28·6 ins. in a very large disturbance having its minimum over the far north of Scandinavia. Gradients steep over the northern countries of the Continent. Anticyclone receding to the Black Sea region by evening and northern depression changing its position but little. A further fall of the mercury occurring over the United Kingdom, the change being most brisk in the east and south.

IV.—TEMPERATURE on the Grass, and in the Ground.

	STATION.	Grass Min. No. of Obs. of 30° or less.	Grass Min. Lowest reading.	Mean Earth Temp. At 1 foot.	Mean Earth Temp. At 4 feet.
			°	°	°
2.	York	—	—	44·8	47·8
2.	Hull	3	28	43·1	47·4
3.	Cambridge	4	20	—	—
3.	Dunmow	4	20	—	—
4.	Harrogate	2	25	43·8	45·6
4.	Sheffield	3	26	43·4	47·1
4.	Birmingham	4	23	44·4	48·6
4.	Nottingham	3	25	42·8	47·2
5.	Kew	3	20	44·2	49·1
5.	Canterbury	4	24	45·3	49·7
5.	Portsmouth	3	19	46·1	51·3
6.	Glasgow	2	26	—	—
7.	Newton Rigg	3	20	44·0	46·4
7.	Bettws-y-Coed	1	29	45·3	48·0
7.	Manchester (Oldham Road)	2	28	43·5	48·0
8.	Llangammarch Wells	3	18	45·1	48·5
8.	Bath	—	—	47·4	51·7
8.	Plymouth	—	—	46·7	—
9.	Armagh	2	28	45·8	48·4
9.	Markree	2	24	—	—
10.	Dublin, Trin. Coll.	—	—	46·0	48·4
11.	Guernsey, Brooklyn	1	27	48·5	51·9

V.—OBSERVATIONS in the UPPER AIR.—Temperature, Humidity and Wind Velocity.

Date of Observation.	Station and its Height above M.S.L.		Heights in feet above Mean Sea Level. Ground Level.	1,650.	3,320	5,000.	6,600.	8,320.	10,000.	Remarks.
1906.										
December 2nd, 10.50 a.m. to 12.30 p.m.	Brighton, 380 ft.	Temperature F.	45°	40°	[37°]					One 7 ft. kite. 4,000 ft. wire. Max. height, 2,650 ft. Temp., 38°. Wind, 40 miles per hour at highest point. Cloud level, 950 ft. Very gusty wind.
		Humidity	98%	?	—					
		Wind Velocity, m. per hr.	W, —	WNW, 40	[—, 40]					
December 4th, 10.10 a.m. to 11.30 a.m.	Pyrton Hill, Oxon, 500 ft.	Temperature F.	50°	46°	41°					One kite, 77 sq. ft. 3,400 ft. wire. Cloud level, 2,200 ft. Shift of wind towards N., with rapidly increasing strength with height. Overcast.
		Humidity	85%	95%	100%					
		Wind Velocity, m. per hr.	W, —	WNW, 25	NW by W, 40					
December 5th, 10.0 a.m. to 11.0 a.m.	Pyrton Hill, Oxon, 500 ft.	Temperature F.	41°	36°	27°					One kite, 60 sq. ft. 4,000 ft. wire. Kite caught in heavy squall from NW and broken at 11.0 a.m. Overcast. Rain. Decreasing temperature during ascent.
		Humidity	80%	90%	100%					
		Wind Velocity, m. per hr.	W, —	W, 38	WNW, 50					
December 6th, 10.20 a.m. to 11.10 a.m.	Pyrton Hill, Oxon, 500 ft.	Temperature F.	37°	33°	—					One kite, 77 sq. ft. Max. height, 2,300 ft. Cloud level, 1,700 ft. Temp., 29°. Wind, 46. Overcast. Calm on surface in the morning. Gale in afternoon. Very rapid increase of wind with height.
		Humidity	90%	95%	—					
		Wind Velocity, m. per hr.	N by W, —	N by W, 30	—					
December 6th, 11.13 a.m. to about 11.30 a.m.	Ditcham Park, Petersfield, 400 ft.	Temperature F.	46°	41°						One 9 ft. kite. Max. height, 1,700 ft. The kite dived and fell to the ground.
		Humidity	80%	90%						
		Wind Velocity, m. per hr.	NNE, 30	— 43						
December 6th, 1.8 p.m. to 1.20 p.m.	Glossop Moor, 1,100 ft.	Temperature F.	38°	35°						One 9 ft. kite. Max. height, 2,300 ft. The wind velocity rapidly increased from 33 to 48 miles per hour. At 1.20 a gust (60 miles per hour?) struck the kite, breaking the thick stranded wire, and overturning the pole. Pull probably over 300 lbs.
		Humidity	77%	70%						
		Wind Velocity, m. per hr.	NNE, —	NNE, —						
December 8th, 12.50 p.m. to 2.20 p.m.	Brighton, 380 ft.	Temperature F.	43°	37°	33°					One kite, 60 sq. ft. 6,000 ft. wire. Max height, 3,300 ft. Overcast. Clouds not reached. Rain later. Humidity very variable, 95% to 60%.
		Humidity	95%	—	—					
		Wind Velocity, m. per hr.	* W, 12	W, 35	W, 45					

* Estimated.

63, Victoria Street, London, S.W. *December 12th, 1906.*

W. N. SHAW, *Director.*

ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE,

AND PUBLISHED FOR H.M. STATIONERY OFFICE BY WYMAN AND SONS, LTD., FETTER LANE, E.C., AND 32, ABINGDON STREET, WESTMINSTER, S.W.; OR OLIVER AND BOYD, EDINBURGH; OR E. PONSONBY, 116, GRAFTON STREET, DUBLIN.

TWENTY-NINTH YEAR. Vol. XXIII. (New Series.) No. 50. FIFTIETH WEEK, ENDING SATURDAY, DECEMBER 15TH, 1906.

[Price 6d.
Annual Subscription post paid £1 10s. 0d.

I.—GENERAL REMARKS.

Weather was generally cold and unsettled, but although the amount of precipitation was rather large, there were many fine, bright intervals in almost all parts of the Kingdom. A large part of the precipitation consisted of hail, sleet, or snow. On the coasts of Norfolk and Suffolk the snow was very heavy, and accompanied by thunder and lightning at the commencement of the period; the yield at Yarmouth and Lowestoft was more than an inch in the gauge. A thunderstorm occurred at Arlington on Tuesday, and thunder and lightning were rather general over England and Wales on Wednesday.

Temperature was below the average, the deficit ranging from between 4° and 5° in the most northern and north-eastern districts to between 1° and 2° over Ireland and the south-west of England, and to only 0°·4 in the English Channel. The highest of the maxima were recorded either on the 11th or 12th in many places, but on the 15th in the West. They varied from 54° in Ireland S., to 44° in Scotland E. The absolute minima, which were mostly registered about the middle of the week, were rather low over the United Kingdom generally. In Scotland N. and E., the thermometer fell to 16° or 17°, and in Scotland W. and England N.W. to 20°. In many other districts the minima were below 25°, but in the English Channel the lowest reading was 34°.

Rainfall exceeded the average in all districts except Scotland N. and England S., but the excess was not large except in Ireland and the north-west of Great Britain.

Bright Sunshine was above the average, except in the English Channel and England S.W. The percentage of the possible duration ranged from 38 in England S., and 34 in the Midland Counties, to 18 in England S.W., and to 12 in Scotland N.

Barometer and Wind.—The general distribution of pressure underwent several changes. On Sunday and Monday the barometer was highest off our western coasts, and the North-Westerly to Northerly winds blew at first with the force of a gale on some parts of our western and southern coasts. During the remainder of the week pressure was highest either to the south-westward or southward of our Islands, but as the depressions which passed over this country from the westward were not deep the South-Westerly and Westerly winds attained no great force. On Wednesday morning, however, owing to a brisk rise of the barometer in the rear of a depression of increasing intensity the Westerly winds on our extreme south-western coast became very strong, a squall at 9.15 a.m. reaching the force of a "storm," at the Scilly Isles.

SUMMARY OF TEMPERATURE, RAINFALL, AND DURATION OF BRIGHT SUNSHINE IN THE UNITED KINGDOM, FOR AGRICULTURAL AND SANITARY PURPOSES.

THE WEEK (50th)—December 2nd to December 15th, 1906.

DISTRICTS. (See p. 296.)	Temperature. Highest.	Lowest.	Means of Daily Max.	Daily Min.	Daily Mean.	Difference from Av. (35 Yrs.)	Accumulated. Number of Day-Degrees. Above 42°	Difference from Av. (25 Yrs.)	Below 42°	Difference from Av. (25 Yrs.)	Rainfall. Number of Rain-Days.	Diff. from Av. (35 Yrs.)	Total Fall.	Difference from Average (35 Yrs.)	Sunshine. Hours recorded.	Diff. from Av. (25 Yrs.)	Percentage of Possible Duration.	Diff. from Av. (25 Yrs.)
	°	°	°	°	°	°	Day-deg.	Day-deg.	Day-deg	Day-deg.			Inches.	Inches.			%	%
0. SCOTLAND, NORTH ..	49	17	37·9	28·8	33·5	- 5·1	0	- 9	60	+ 32	6	+ 1	0·95	-0·42	5	+ 1	12	+ 1
Eastern 1. SCOTLAND, EAST ..	44	16	37·7	27·8	33·0	- 4·8	0	- 8	63	+ 34	5	+ 1	0·71	+0·03	10	+ 3	21	+ 7
Eastern 2. ENGLAND, N.E. ..	45	24	38·3	30·5	34·5	- 4·3	0	- 10	53	+ 27	4	0	0·57	+0·07	15	+ 9	29	+17
Eastern 3. ENGLAND, EAST ..	47	22	39·7	30·8	35·5	- 3·8	0	- 10	46	+ 15	4	0	0·65	+0·18	16	+ 7	30	+13
Eastern 4. MIDLAND COUNTIES	52	22	40·5	31·0	36·0	- 3·2	0	- 12	42	+ 9	5	+ 1	0·73	+0·21	18	+ 10	34	+19
Eastern 5. ENGLAND, SOUTH ..	52	23	42·5	32·4	37·6	- 2·9	1	- 17	35	+ 13	4	0	0·58	-0·03	21	+ 11	38	+19
Western 6. SCOTLAND, WEST ..	48	20	40·1	30·7	35·6	- 4·4	0	- 14	45	+ 24	6	+ 2	1·59	+0·34	12	+ 6	25	+11
Western 7. ENGLAND, N.W. ..	53	20	41·8	32·9	37·6	- 2·9	0	- 14	31	+ 10	6	+ 2	1·17	+0·41	12	+ 8	24	+15
Western 8. ENGLAND, S.W. ..	53	27	44·8	35·3	40·2	- 1·6	8	- 14	26	+ 10	5	+ 1	1·16	+0·19	10	- 1	18	- 1
Western 9. IRELAND, NORTH ..	53	30	43·6	34·8	39·4	- 1·7	4	- 12	28	+ 9	6	+ 1	1·28	+0·41	14	+ 6	28	+11
Western 10. IRELAND, SOUTH ..	54	27	46·2	36·2	41·4	- 1·4	12	- 12	25	+ 9	6	+ 1	1·47	+0·44	11	+ 1	21	+ 2
11. ENGLISH CHANNEL	52	34	48·9	41·8	45·5	- 0·4	25	- 9	1	- 3	6	+ 1	1·14	+0·18	12	- 1	21	- 1

THE SEASON (**Winter**).—Aggregates, &c., for the Period of 2 Weeks, December 2nd to December 15th, 1906.

0. SCOTLAND NORTH ..	55	17	*	*	*	*	25	+ 5	74	+ 22	13	+ 3	3·68	+0·98	7	- 4	7	- 4
Eastern 1. SCOTLAND, EAST ..	57	16	*	*	*	*	28	+ 10	77	+ 18	10	+ 2	1·24	-0·15	20	+ 5	21	+ 5
Eastern 2. ENGLAND, N.E. ..	56	24	*	*	*	*	28	+ 5	63	+ 15	9	+ 2	0·92	-0·11	23	+ 8	23	+ 8
Eastern 3. ENGLAND, EAST ..	56	22	*	*	*	*	29	+ 5	59	+ 2	9	+ 1	0·93	-0·05	30	+ 10	28	+ 9
Eastern 4. MIDLAND COUNTIES	57	22	*	*	*	*	29	+ 2	55	- 6	10	+ 3	1·36	+0·30	28	+ 12	26	+11
Eastern 5. ENGLAND, SOUTH ..	56	23	*	*	*	*	30	- 10	45	+ 5	8	+ 1	0·89	-0·35	36	+ 15	33	+14
Western 6. SCOTLAND, WEST ..	54	20	*	*	*	*	28	- 2	55	+ 16	12	+ 3	3·34	+0·85	21	+ 8	21	+11
Western 7. ENGLAND, N.W. ..	57	20	*	*	*	*	29	- 3	38	- 1	12	+ 4	2·37	+0·84	20	+ 7	19	+ 7
Western 8. ENGLAND, S.W. ..	56	25	*	*	*	*	36	- 11	33	+ 3	9	0	1·95	+0·02	26	+ 6	24	+ 5
Western 9. IRELAND, NORTH ..	56	28	*	*	*	*	33	- 1	33	- 3	12	+ 2	2·35	+0·61	23	+ 5	22	+ 5
Western 10. IRELAND, SOUTH ..	57	26	*	*	*	*	45	- 6	29	- 1	12	+ 3	1·91	-0·13	27	+ 3	25	+ 3
11. ENGLISH CHANNEL	56	32	*	*	*	*	69	- 4	1	- 6	12	+ 3	1·61	-0·31	26	+ 1	24	+ 1

THE YEAR.—Aggregates, &c., for the period of 50 Weeks, December 31st, 1905, to December 15th, 1906.

0. SCOTLAND, NORTH ..	89	8	*	*	*	*	2083	+ 56	783	+ 63	251	+29	53·41	+5·40	1169	+ 46	27	+ 1
Eastern 1. SCOTLAND, EAST ..	88	11	*	*	*	*	2436	+129	783	- 19	206	+17	34·44	+4·07	1432	+130	33	+ 3
Eastern 2. ENGLAND, N.E. ..	94	18	*	*	*	*	3016	+434	553	- 62	180	+10	23·45	-1·01	1582	+128	37	+ 3
Eastern 3. ENGLAND, EAST ..	93	22	*	*	*	*	3390	+397	487	-202	158	- 9	23·14	-0·32	1794	+261	42	+ 6
Eastern 4. MIDLAND COUNTIES	96	18	*	*	*	*	3220	+308	593	-125	177	+ 8	24·60	-1·76	1542	+203	36	+ 5
Eastern 5. ENGLAND, SOUTH ..	92	20	*	*	*	*	3425	+148	406	- 91	168	+ 3	27·07	+0·22	1848	+268	43	+ 6
Western 6. SCOTLAND, WEST ..	89	14	*	*	*	*	2664	+141	509	- 32	209	+12	47·17	+0·43	1427	+ 96	33	+ 2
Western 7. ENGLAND, N.W. ..	90	16	*	*	*	*	2932	+132	449	- 41	201	+17	36·22	+3·05	1501	+159	35	+ 4
Western 8. ENGLAND, S.W. ..	88	19	*	*	*	*	3212	+ 72	380	+ 14	196	+14	39·58	+2·26	1694	+174	40	+ 4
Western 9. IRELAND, NORTH ..	84	20	*	*	*	*	2692	+ 1	433	- 28	246	+25	36·97	+1·25	1344	+ 90	31	+ 2
Western 10. IRELAND, SOUTH ..	81	24	*	*	*	*	3246	+142	325	- 24	227	+29	34·65	-4·70	1484	+ 35	35	+ 1
11. ENGLISH CHANNEL	89	27	*	*	*	*	3855	+ 99	80	- 47	190	- 3	28·23	-4·78	1925	+ 84	45	+ 2

Bright Sunshine.—For certain of the Districts the values of Bright Sunshine in this Table are based on the records from a part only of the Stations included in Table II. For certain of the Stations Mean Values are not available, and for the Districts containing these Stations the "Difference from Average" is based on the records from a smaller number of Stations than those supplying the values for "Hours Recorded."

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III.—DATA from which the SUMMARY on page 295 has been calculated.

December 9-15, 1906.

Districts.	Names of Stations.	Temperature. In Degrees Fahrenheit. Highest observed.	Lowest observed.	Mean for the Week. Of Highest each day.	Of Lowest each day.	For whole of each day.	Difference of Daily Average from Mean for the Week.	Accumulated Heat for the Week (in Day-degrees). Above 42°	Below 42°	Rainfall. Number of Rain-Days.	Rainfall in the Week.	Difference from the Mean for the Week.	Bright Sunshine. Number of Hours recorded.	Difference from the Mean for the Week.	Percentage of possible duration.	Difference from the Mean for the Week.
		°	°	°	°	°	°	Day-deg	Day-deg		Inches.	Inches.	Hrs.	Hrs.	%	%
0. SCOTLAND, N.	†Sumburgh Head (Deerness)	43	29	39·3	32·4	36·0	− 3·8	0	42	6	0·50	− 0·54	10·6	+ 5·2	25	+ 12
	Wick	45	24	39·4	28·9	34·4	− 4·3	0	53	4	0·52	− 0·14	*	*	*	*
	†Lairg (Strathpeffer) Ⓢ	38	17	34·1	24·4	29·4	− 6·2	0	88	?3	0·89	+ 0·06	7·0	+ 0·3	16	+ 1
	Stornoway	49	28	40·1	31·4	35·9	− 3·8	0	43	7	0·52	− 0·79	3·1	− 2·9	7	− 7
	Glencarron	41	25	37·7	28·2	33·1	− 4·6	0	62	7	1·75	− 0·56	*	*	*	*
	Fort Augustus	42	21	36·0	26·7	31·5	− 7·1	0	74	7	0·84	− 0·43	0·8	− 1·3	2	− 3
	Fort William Ⓢ	44	25	38·7	29·7	34·4	− 5·6	0	53	7	1·64	− 0·56	*	*	*	*
1. SCOTLAND, E.	Nairn	44	26	38·7	28·6	33·9	− 4·0	0	57	6	0·36	− 0·10	5·2	—	12	—
	Aberdeen	41	25	37·1	29·1	33·3	− 5·5	0	61	5	0·62	− 0·08	11·6	+ 2·6	25	+ 6
	†Balmoral (Crathes) Ⓢ	38	16	34·6	22·6	28·8	− 6·4	0	92	5	0·61	− 0·16	9·8	—	21	—
	†Clathick (Balruddery) Ⓢ	42	22	37·5	27·2	32·6	− 5·2	0	66	5	0·92	− 0·07	12·3	—	26	—
	†Leith (Edinburgh) Ⓢ	43	30	40·0	32·6	36·5	− 3·0	0	39	3	0·60	+ 0·15	7·4	+ 2·6	15	+ 5
	Marchmont Ⓢ	43	23	38·4	26·7	32·8	− 4·6	0	64	5	1·14	+ 0·45	12·9	+ 4·9	27	+ 10
2. ENGLAND, N.E. Northern part.	†Alnwick Castle (Cockle Park)	41	28	37·5	30·2	34·0	− 4·8	0	56	4	0·74	+ 0·01	13·8	—	28	—
	†Shields (Newcastle)	41	27	38·3	29·4	34·0	− 5·7	0	56	4	0·47	− 0·03	7·9	+ 2·5	16	+ 5
	Durham	40	27	37·0	30·0	33·6	− 4·3	0	59	3	0·34	− 0·19	15·5	+ 6·0	31	+ 12
	Scarborough Ⓜ	42	31	39·0	32·0	35·6	− 4·2	0	45	5	0·86	+ 0·30	9·3	—	19	—
	York	42	27	38·8	29·9	34·5	− 4·3	0	53	3	0·49	+ 0·04	16·9	+ 11·2	33	+ 22
Southern part.	†Spurn Head (Saltburn)	42	31	38·7	34·0	36·4	− 3·8	0	39	5	0·28	− 0·16	8·3	—	17	—
	†Lincoln (Skegness)	45	24	39·4	29·0	34·4	− 3·6	0	53	5	0·68	+ 0·25	21·5	—	41	—
	†Fulbeck (Rauceby)	42	24	37·7	29·6	33·8	− 4·0	0	57	6	0·73	+ 0·31	18·2	—	35	—
	(Cromer)												9·8	—	19	—
ENGLAND, E. Northern part.	Hillington Ⓜ	44	22	38·9	29·8	34·5	− 3·6	0	53	3	0·41	− 0·14	17·2	+ 7·9	33	+ 15
	†Yarmouth (Lowestoft)	42	28	37·4	31·1	34·4	− 5·0	0	53	5	1·71	+ 1·21	15·9	—	30	—
	Geldeston	46	25	40·0	29·9	35·2	− 4·1	0	48	6	0·71	+ 0·24	15·9	+ 5·0	30	+ 9
	(Dunmow)												16·4	—	31	—
Southern part.	Cambridge	46	25	40·1	29·3	34·9	− 3·6	0	50	5	0·59	+ 0·20	18·2	+ 8·8	34	+ 17
	Felixstowe	45	29	41·6	32·0	37·0	− 2·7	0	35	4	0·25	—	23·6	—	45	—
	Clacton-on-Sea	45	26	39·4	31·0	35·4	− 4·1	0	46	4	0·33	—	22·0	—	42	—
	Rothamsted	44	25	38·3	30·6	34·9	− 4·0	0	50	4	0·86	+ 0·31	19·6	+ 10·0	37	+ 19
	†Shoeburyness (Southend)	47	26	40·3	31·7	36·2	− 3·9	0	41	4	0·46	+ 0·06	19·0	—	35	—
	London, Westminster	47	27	41·1	32·1	36·8	− 3·4	0	36	4	0·55	+ 0·09	7·1	+ 3·9	13	+ 7
4. MIDLAND COUNTIES. Eastern part.	Harrogate	43	27	38·6	30·3	34·6	− 3·4	0	52	4	0·64	+ 0·07	22·1	—	43	—
	†Bawtry (Worksop)	41	22	38·1	29·7	34·1	− 4·4	0	55	3	0·60	+ 0·18	16·9	+ 9·8	33	+ 19
	Nottingham	42	26	38·9	30·6	34·9	− 3·9	0	50	4	0·67	+ 0·21	11·9	—	23	—
	†Colly Weston (Oundle)	47	23	41·4	29·1	35·5	− 2·7	0	46	4	0·79	+ 0·32	19·9	—	38	—
	Birmingham, Edgbaston	45	28	39·7	31·5	35·8	− 3·6	0	43	5	0·68	+ 0·32	11·1	—	21	—
	Oxford	47	27	41·3	32·1	36·9	− 2·6	0	36	6	0·65	+ 0·19	19·7	+ 9·9	37	+ 19
Western part.	†Cheadle (Sheffield) Ⓜ	41	25	37·5	28·9	33·4	− 4·5	0	60	5	0·92	+ 0·26	19·8	—	39	—
	Shrewsbury Ⓜ	52	28	43·4	32·6	38·2	− 3·5	4	35	6	0·73	—	*	*	*	*
	Hereford Ⓜ	47	28	42·3	32·5	37·6	− 1·6	1	35	5	0·77	+ 0·22	*	*	*	*
	Cirencester	47	25	40·8	30·7	36·0	− 2·5	0	42	5	0·79	+ 0·16	19·0	+ 10·0	36	+ 19
	Bath	50	29	43·4	33·3	38·6	− 2·6	4	33	4	0·80	+ 0·14	17·8	—	33	—
	(Margate)												16·9	+ 6·4	31	+ 12
5. ENGLAND, S.	Kew	46	27	41·1	31·7	36·6	− 3·3	0	38	4	0·62	+ 0·19	16·3	+ 7·5	30	+ 14
	Wisley, Surrey	46	25	41·4	32·0	36·9	− 3·2	0	36	4	0·56	—	20·9	—	39	—
	†Swarraton (Ventnor) Ⓜ	47	26	40·7	31·1	36·1	− 2·7	0	41	5	0·81	+ 0·13	24·1	+ 12·9	44	+ 23
	Tunbridge Wells Ⓜ	46	23	39·5	29·9	34·9	− 4·0	0	50	3	0·54	− 0·11	18·6	+ 8·6	34	+ 16
	†Dungeness (Littlestone)	48	24	42·6	30·9	37·0	− 4·5	2	41	5	0·47	− 0·06	15·8	—	29	—
	Hastings	49	25	42·4	31·8	37·3	− 3·9	1	37	4	0·60	− 0·06	21·5	+ 8·9	40	+ 17
	Southampton	49	29	44·7	33·4	39·3	− 1·8	8	34	4	0·54	− 0·15	26·1	+ 15·3	48	+ 28
	†Portland Bill (Worthing)	52	34	47·4	38·3	43·0	+ 0·5	23	10	4	0·53	—	24·9	—	46	—
	(Eastbourne)												23·8	+ 11·8	44	+ 22
6. SCOTLAND, W.	†Laudale (Obau)	47	31	41·3	32·1	36·9	− 4·0	0	36	7	2·11	− 0·02	7·5	—	16	—
	Glasgow Ⓢ	41	27	37·9	31·5	34·8	− 4·4	0	50	4	1·63	+ 0·73	8·8	+ 5·4	18	+ 11
	Dumfries Ⓢ	40	20	36·9	28·0	32·6	− 6·3	0	66	5	1·03	+ 0·09	*	*	*	*
	Cally Ⓢ	46	25	41·5	28·7	35·4	− 3·6	0	46	5	0·98	− 0·22	*	*	*	*
	Douglas, Isle of Man	48	31	42·9	33·4	38·3	− 3·9	3	32	7	2·20	+ 1·14	15·1	+ 5·5	30	+ 11
7. ENGLAND, N.W.	Aspatria	45	27	39·3	31·2	35·4	− 3·1	0	46	5	0·94	+ 0·06	14·9	—	30	—
	Newton Rigg	39	20	36·7	27·6	32·3	− 5·2	0	68	3	0·38	− 0·56	19·3	+ 11·7	39	+ 23
	Stonyhurst	43	27	39·2	30·0	34·8	− 4·0	0	50	4	1·35	+ 0·35	14·0	+ 8·0	28	+ 16
	Blackpool Ⓜ	46	31	42·6	33·1	38·0	− 1·8	2	33	6	1·27	+ 0·57	16·4	+ 9·9	33	+ 20
	Manchester, Prestwich	42	26	38·9	29·0	34·2	− 4·6	0	55	6	1·26	+ 0·50	14·2	+ 10·2	28	+ 20
	†Liverpool Obs. (Hoylake)	48	34	44·1	35·3	39·9	− 0·7	6	26	5	1·08	+ 0·52	14·1	—	28	—
	†Hawarden Bridge (Southport)	53	30	44·3	34·0	39·4	− 2·0	6	31	6	1·11	+ 0·65	16·0	—	31	—
NORTH WALES	Llandudno Ⓜ	50	35	44·5	36·5	40·7	− 2·0	7	22	6	0·88	+ 0·22	7·7	− 0·8	15	− 2
	†Holyhead (Aberdovey)	51	36	45·4	37·9	41·8	− 1·7	10	18	7	1·85	+ 0·98	4·6	—	9	—
	Bettws-y-Coed	49	33	43·4	34·6	39·2	− 3·6	4	28	7	1·55	—	4·3	—	8	—
8. SOUTH WALES	Llangammarch Wells	48	28	41·8	32·0	37·1	− 3·5	0	34	6	1·72	—	8·5	—	16	—
	Pembroke	53	36	48·4	39·4	44·1	− 0·5	26	7	6	1·05	+ 0·13	10·2	− 0·2	19	0
	†Cardiff (Aberystwyth)	50	28	43·8	32·4	38·3	− 3·1	5	36	6	0·94	− 0·06	6·9	—	13	—
ENGLAND, S.W.	†Clifton (Torquay)	50	31	43·9	34·6	39·4	− 1·8	5	28	4	0·62	− 0·11	14·6	+ 2·5	27	+ 5
	†Shaftesbury (Marlborough) Ⓜ	47	27	41·1	32·6	37·0	− 2·0	0	35	4	0·59	− 0·15	19·3	+ 11·2	36	+ 21
	†Arlington (Newquay)	50	34	44·4	35·1	39·9	− 0·9	7	27	6	1·81	+ 0·46	8·3	− 3·5	15	− 7
	Cullompton Ⓜ	51	33	45·2	34·8	40·2	0·0	9	29	5	0·99	+ 0·14	13·9	+ 5·2	26	+ 10
	Plymouth	51	34	46·8	37·4	42·3	− 1·3	21	13	6	1·06	+ 0·15	12·4	+ 0·9	23	+ 2
	Falmouth	51	36	47·5	39·3	43·6	− 1·4	23	8	6	1·62	+ 0·34	8·6	− 4·2	16	− 8
9. IRELAND, N. Western part.	Malin Head	50	33	44·7	35·6	40·3	− 2·0	8	25	7	1·09	+ 0·35	*	*	*	*
	Edenfel	52	30	41·6	32·9	37·4	− 1·3	0	32	6	0·94	+ 0·03	*	*	*	*
	Blacksod Point	52	34	45·6	37·9	41·9	− 1·7	10	18	7	1·72	+ 0·42	*	*	*	*
	Markree Castle	50	33	45·1	34·5	40·0	− 0·1	9	30	7	1·68	+ 0·71	11·6	+ 3·	23	+ 7
Eastern part.	Armagh	48	31	41·4	32·9	37·3	− 2·3	0	33	6	0·78	+ 0·14	16·3	+ 7·3	33	+ 15
	Donaghadee	53	33	42·9	35·1	39·2	− 2·7	3	26	6	1·47	+ 0·77	*	*	*	*
10. IRELAND, S. Eastern part.	†Dublin, City (Phœnix Park)	50	32	44·1	34·4	39·4	− 3·1	6	29	5	0·92	+ 0·39	15·8	+ 3·8	30	+ 7
	Kilkenny	53	28	44·6	32·1	38·6	− 2·6	7	33	6	1·67	+ 0·93	*	*	*	*
	Waterford	53	29	45·7	35·1	40·6	− 1·2	10	28	5	1·25	+ 0·23	*	*	*	*
Western part.	Birr Castle	53	27	44·3	31·3	38·1	− 2·3	6	41	7	1·22	+ 0·52	13·5	+ 3·0	26	+ 6
	Foynes	53	33	47·3	38·9	43·3	+ 0·7	22	9	7	2·37	+ 1·37	*	*	*	*
	Killarney	54	35	47·5	38·5	43·2	− 0·6	23	10	7	1·68	+ 0·08	*	*	*	*
	Valencia	53	34	49·3	40·1	44·9	− 0·9	28	5	7	1·59	+ 0·17	6·1	− 3·7	12	− 7
	†Roches Point (Ballinacurra)	54	35	46·9	39·1	43·2	− 1·4	21	8	6	1·02	− 0·20	8·7	—	16	—
11 ENGLISH CHANNEL	Scilly, St. Mary's	52	43	48·4	44·0	46·3	− 1·2	30	0	6	1·34	+ 0·40	6·5	− 5·2	12	− 10
	†Jersey, St. Aubins (St. Heliers)	52	34	49·6	40·6	45·3	+ 0·6	29	4	6	1·13	+ 0·23	13·3	− 0·7	25	− 1
	Guernsey	52	39	48·6	40·7	44·8	− 0·5	25	4	6	0·95	− 0·08	15·2	+ 5·0	27	+ 9

Information for Stations marked Ⓜ is supplied by the Royal Meteorological Society, and that for Stations marked Ⓢ is supplied by the Scottish Meteorological Society.

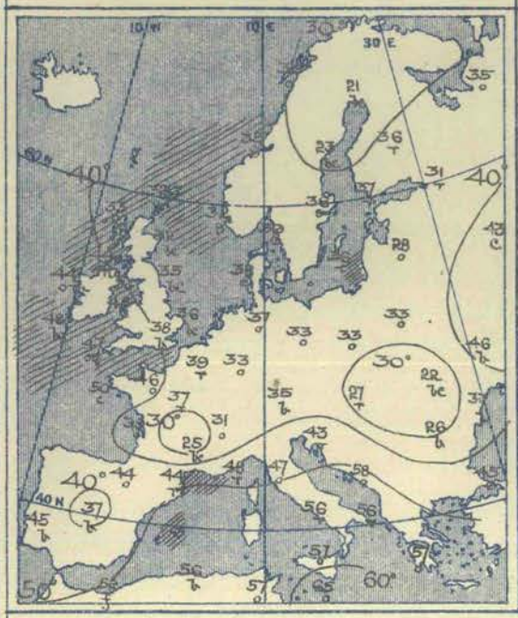
* An Asterisk is inserted in all places for which the information is not usually given.

† There is no Sunshine Recorder in use at this Station. The figures entered for Sunshine are those recorded at a Station in the same district of which the name is given in brackets.

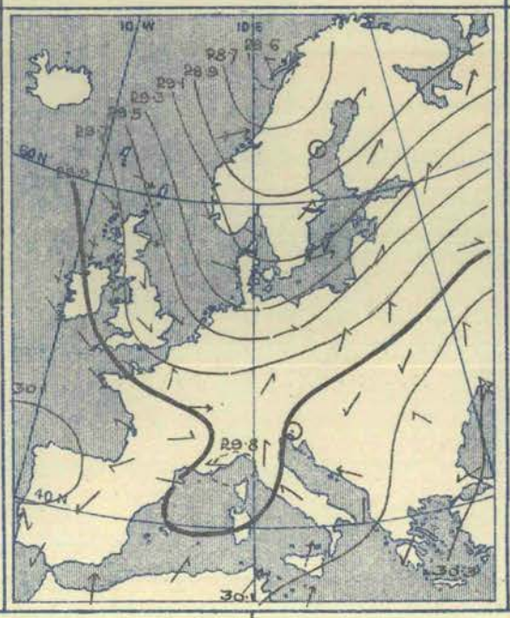
Additional Sunshine Totals for the week: Ramsgate, 19·9 hrs., 37 %; Brighton, 22·2 hrs. (+11·0), 41 % (+20 %); Bournemouth, 25·5 hrs., 47 %; Bognor, 23·6 hrs., 44 %; Rhyl, 10·6 hrs., 20 %; Tenby, 11·1 hrs. (+ 0·6), 21 % (+ 1 %).

Sunday, 9th December, 1906.

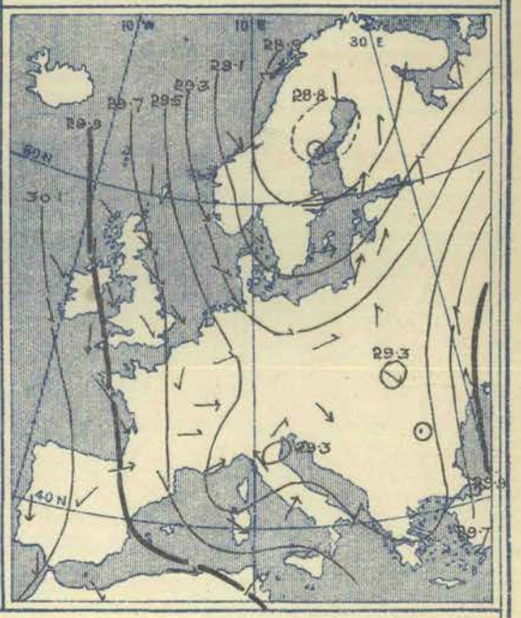
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. very unsettled as a whole, but fine and bright in places. Snow falling in various northern localities, and rain at many stations in southern Europe. Showers of hail or sleet prevailing at some places in Ireland and Scotland. Heavy rain later over Austria-Hungary and the north of Italy, and also in several other Continental districts, and heavy snow showers over the east of England. As much as 1·17 in. measured at Great Yarmouth.

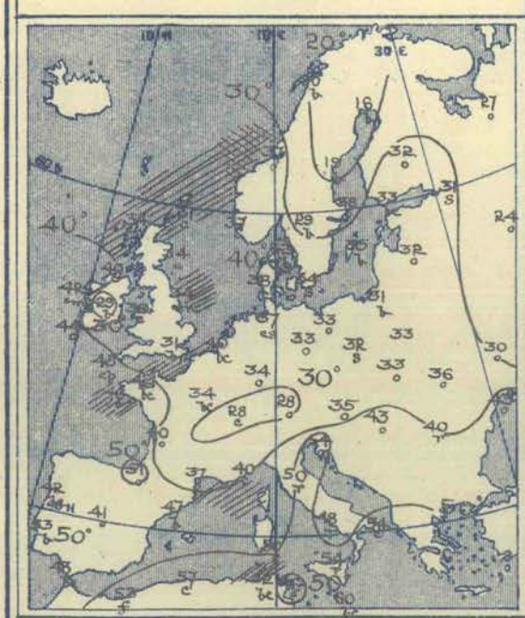
TEMPERATURE risen over France and most parts of central and southern Europe, fallen elsewhere. Readings in morning only a little above 32° in Scotland and the east of England and below 40° over our Islands generally. Below 32° in many Continental regions and as low as 25° at Lyons, 22° at Lemberg, and 21° at Haparanda. Above 50° in the extreme south, and 65° at Malta. Maxima during day less than 40° over most parts of Great Britain, Germany, and the east of France, and not above 45° at Cette and Pesaro. Highest readings 68° at Tunis, and 69° at Palermo.

WIND in morning strong to a gale from the North-Westward over our Islands and north-western Europe generally, strong from West or South-West over Germany, and from the Southward over the Baltic and the Gulf of Bothnia. A separate cyclonic circulation prevailing over the Mediterranean. Veering more to the Northward over the United Kingdom and France during day, but not decreasing much in strength. Some increase of force taking place over the Mediterranean.

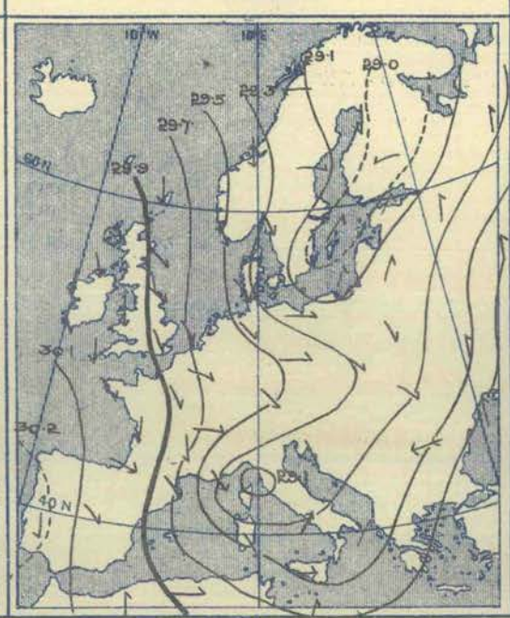
BAROMETER in morning above 30·3 ins. over the Black Sea and its vicinity and above 30·1 ins. over the north-west of the Spanish Peninsula. Below 29·8 ins. in a depression centred over the Gulf of Genoa, and less than 28·6 ins. in a very large system having its minimum off the north-west of Norway. Both depressions travelling eastwards later; that in the south increasing considerably in depth, and that in the north apparently decreasing. High pressure in the south-east of Europe receding towards the east; an anticyclone extending over our Islands from the westward.

Monday, 10th December, 1906.

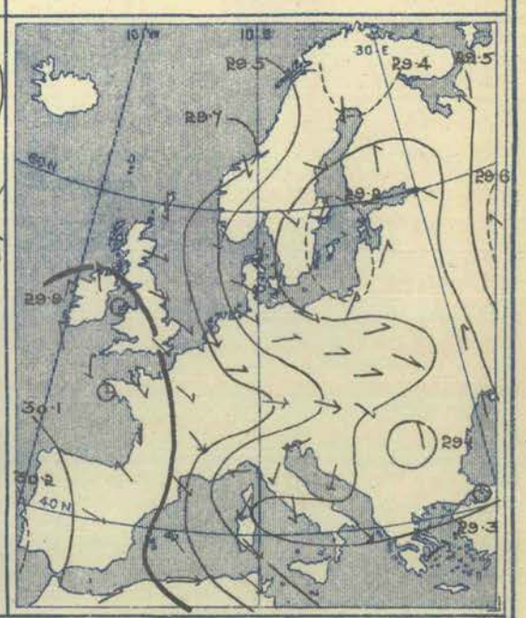
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fair or fine over the greater portion of the United Kingdom, but hail showers falling in the north-east of Ireland, and snow and hail showers in the east of England. Very variable on the Continent; fine in several localities, but cloudy or overcast as a whole, with rain in several southern regions, and rain or snow in the central and northern countries. Some rain or sleet experienced in Ireland and Scotland during day and as much as 0·3 in. of snow at Great Yarmouth. Heavy snow falling in the south of Russia and various amounts of rain in many other Continental districts.

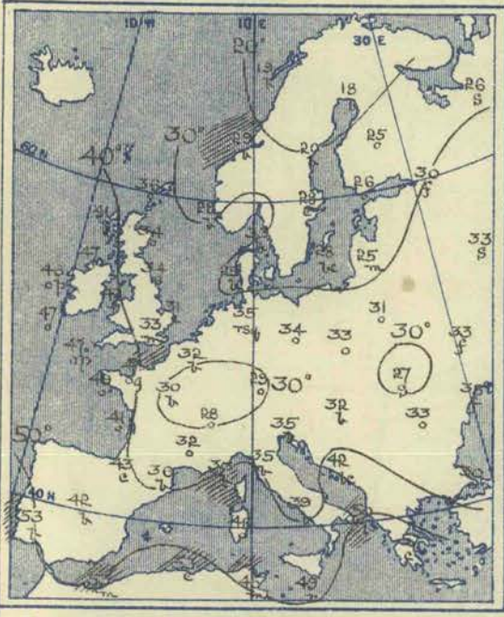
TEMPERATURE fallen generally except over Austria-Hungary. Readings in morning as high as 60° at Malta and above 50° at some other extreme southern stations. Not far from the freezing point over Great Britain, central Ireland, and most of Continental Europe, but below 20° in the north of Sweden. Only rising to 35° at some English and Scotch stations during day. Maxima low generally; 41° at some stations in the far south of France, 49° at Naples, and only 57° at Tunis. Frost continuing without interruption in the extreme north of our area.

WIND at 8 a.m. Northerly or North-Westerly over the western half of our area, fresh on our own coasts, and strong to a gale in Norway. A cyclonic circulation of strong or high winds shown over Italy and the surrounding regions, and light to fresh Southerly breezes over Russia. A general decrease in force taking place later in day over all the northern and north-western countries, and wind backing to the Southward in Ireland. Strong breezes continuing over the Mediterranean.

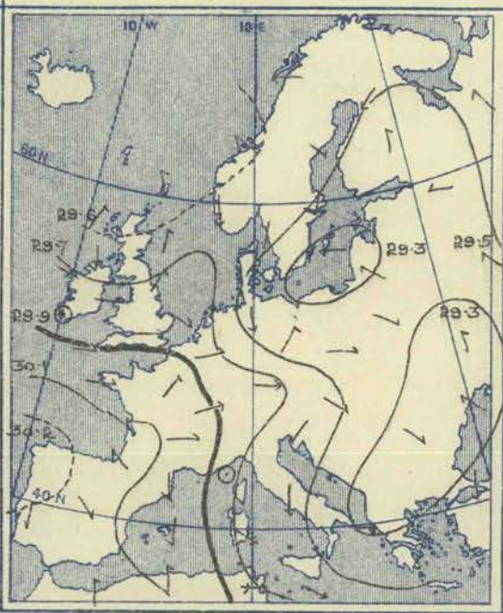
BAROMETER in morning above 30·2 ins. over Portugal, and relatively high over the Black Sea. Below 29·0 ins. in an elongated depression extending from the south-east of Sweden to Lapland, and only slightly higher in a disturbance with steep gradients over Italy and the Riviera. Both low pressure systems undergoing much modification during day in depth and form, and a fresh fall of the barometer occurring on our own west and north-west coasts.

Tuesday, 11th December, 1906

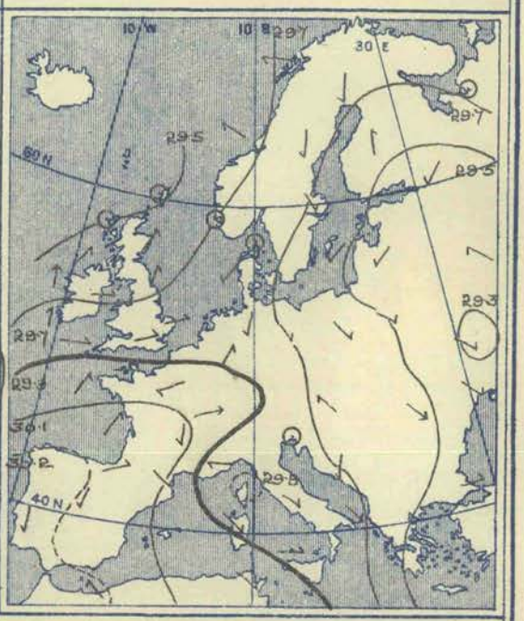
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine and bright in Italy and over a considerable portion of the Scandinavian and Spanish Peninsulas. Overcast and unsettled in most other regions, with rain at Malta and La Calle and at several Irish stations, and snow in the north-east of England, and also in various parts of Russia and central Europe. Much fog prevailing over the south of Russia. Continuing fine in Italy, Spain, and most of Scandinavia throughout the day, but rain or snow experienced in many Continental districts, and over the United Kingdom.

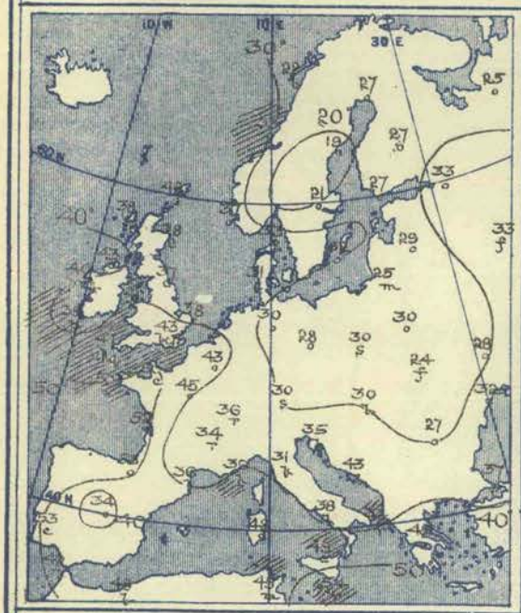
TEMPERATURE risen over these Islands, fallen over the major portion of the Continent. Readings in morning as high as 57° at Athens, but below 50° over the greater part of the Mediterranean region. Thermometer rather above or slightly below 32° over our area as a whole, but not much below 50° on our own south-west coasts, and below 20° in the north of Scandinavia. Frost continuing all day in the latter region, but maxima above 50° at some of our own stations, as well as on the west coast of France, and at a few places in the far south of our area, and as high as 68° at Oran, and 65° at Constantinople.

WIND in morning blowing freshly or strongly, or with gale force, from the Northward or North-Westward over the Mediterranean, and with little force from between North and West over our area as a whole. Light from the Southward in Russia, from the South-Eastward in the west of Norway, and from the Southward in Scotland. Backing to South or South-West over England and Ireland later, and increasing greatly in force during the night. Decreasing in strength at most stations in the Mediterranean.

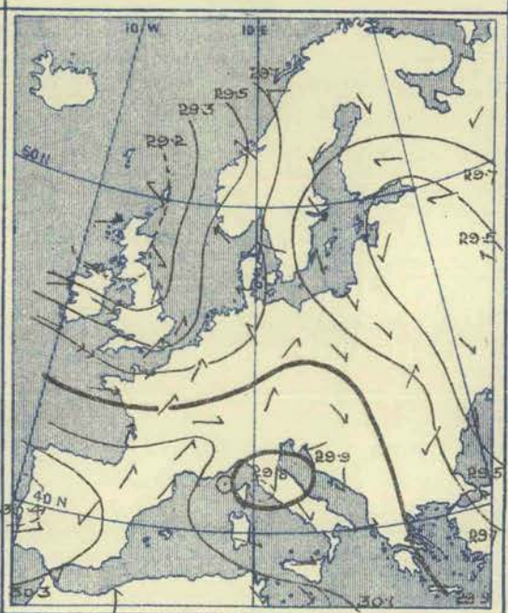
BAROMETER in morning above 30·2 ins. in Portugal and over the adjacent portion of the ocean. Below 29·3 ins. in a very large disturbance with two minima lying over a large part of the eastern half of Europe, and below 29·6 ins. in another system off our own north-west coasts. An ill-defined and shallow "V"-shaped disturbance lying over these Islands. A brisk fall of the barometer taking place during evening and night over the west and north-west of this country, and gradients becoming rather steep on most of our coasts.

Wednesday, 12th December, 1906.

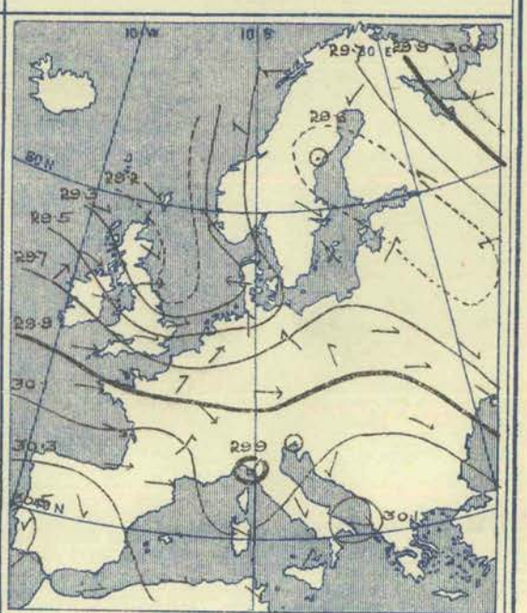
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine and bright in many parts of Italy and the Riviera, as well as in the western portion of Algeria. Overcast generally elsewhere, with rain in France and at Malta and Brindisi, showers of rain or hail at several of our own stations, and snow at Nicolaieff and Constantinople. Precipitation rather general later in most Continental regions and the United Kingdom—snow or sleet at many of our own stations. Thunder and lightning experienced in many parts of our Islands.

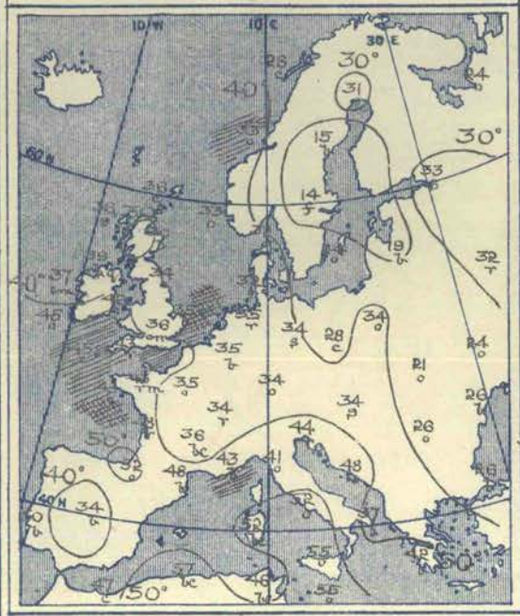
TEMPERATURE risen over France and the south of England, fallen in most other regions. Readings in morning as high as 54° at Malta, but below 45° at several southern stations, and as low as 31° at Rome, 37° at Brindisi, and 38° at Naples. Below the freezing point over large districts of the Continent, and 22° at Bodö. Frost continuing all day in some northern localities, and maxima low generally; above 50° at most French stations, 59° at Palermo, and 66° at Algiers.

WIND in morning strong to a gale from the Westward on our western and southern coasts, moderate to strong from the Southward over the Low Countries and Denmark, and from the South-Eastward in Norway. Separate cyclonic circulations prevailing over Russia and southern Europe, but no force greater than a fresh breeze. No important change during day, but South-Easterly wind increasing to a gale at Skudesnaes.

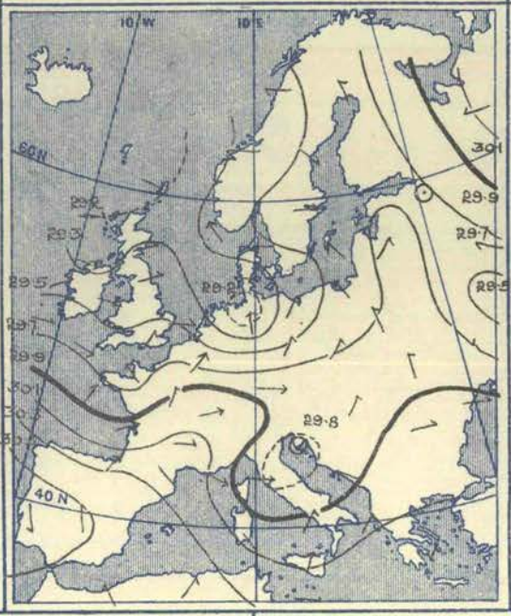
BAROMETER at 8 a.m. ranging from above 30·3 ins. over the greater portion of the Spanish Peninsula to 29·6 ins. and less in a minimum near Leghorn, below 29·4 ins. in a large depression having its central space over Little and South Russia, and to less than 29·2 ins. in a "V"-shaped system over the north of our Islands. Latter moving to the North Sea by evening and increasing in depth. Pressure increasing rather decidedly on our western coasts in its rear until the night.

Thursday, 13th December, 1906.

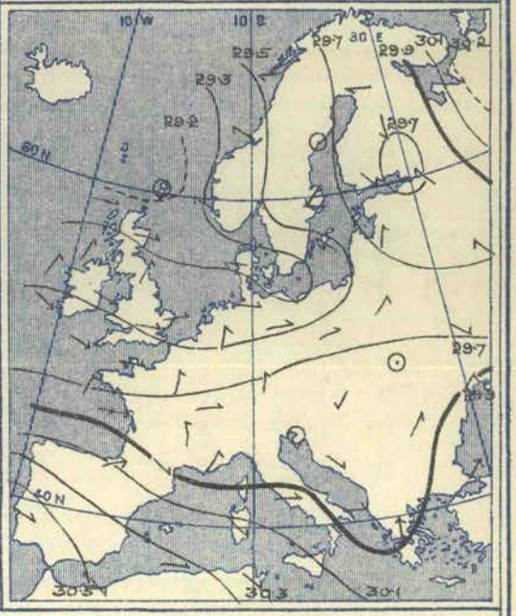
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. bright in Scotland and at most stations in Algeria and the Spanish Peninsula; overcast in nearly all other regions, with rain or sleet in some parts of our Islands, rain over France, and either rain or snow in various parts of Central and Northern Europe, a considerable amount or precipitation experienced later over Ireland, England, and the major portion of the Continent; snow or sleet in many parts of these Islands and at the more northern stations on the Continent; rain heavy in the west and south of France. A thunderstorm occurring at Liverpool.

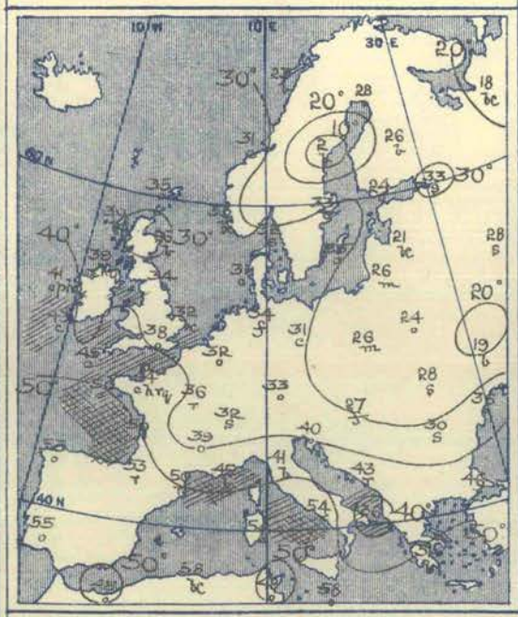
TEMPERATURE risen on the shores of the Mediterranean, fallen generally elsewhere. Readings in morning below 32° over a large part of the Continent and in Scotland, and not much above it except in the far south of our area; lowest reading 12° at Karlstad, and the highest 57° at Algiers. Maxima during day below 40° in most parts of our Islands and the central countries and below the freezing point in many northern districts of the Continent. Thermometer only rising to 45° at Brindisi, but touching or exceeding 60° at some other southern stations, and reaching a maximum of 66° at Algiers and of 67° at Perpignan.

WIND in morning showing two chief cyclonic circulations—one over Italy and its neighbourhood, and the other over North Germany and the surrounding regions. North-Westerly current strong to a gale over the western portion of the Mediterranean, and that from West strong to a gale over the Low Countries. Moderate to strong winds, mainly from between South-West and North-West, over the United Kingdom. A Westerly gale setting in later on the west coast of France, but a general decrease in force taking place elsewhere.

BAROMETER in morning above 30·5 ins. over the western portion of the Spanish Peninsula and above 30·10 ins. over the White Sea; below 29·8 ins. in a depression centred over the northern part of the Adriatic, and below 29·2 ins. in another system having its minimum not far from the mouth of the Elbe, as well as off the north of Scotland. A rather well defined "V"-shaped depression shown over this country. Latter disturbance moving eastwards later and becoming less well marked. Pressure increasing briskly during night over our western and south-western districts.

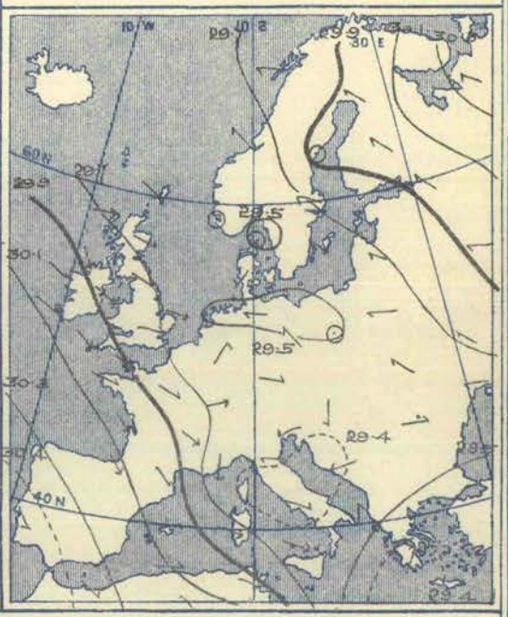
Friday, 14th December, 1906.

Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.

Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine and bright at a few stations locally, but overcast or very cloudy generally, with showers of rain, sleet, or snow in some parts of these Islands and France, rain at several stations in southern Europe, and snow in several central and northern regions. More or less precipitation experienced later over considerable parts of our Islands and the Continent, but day very bright on our southern and south-eastern coasts.

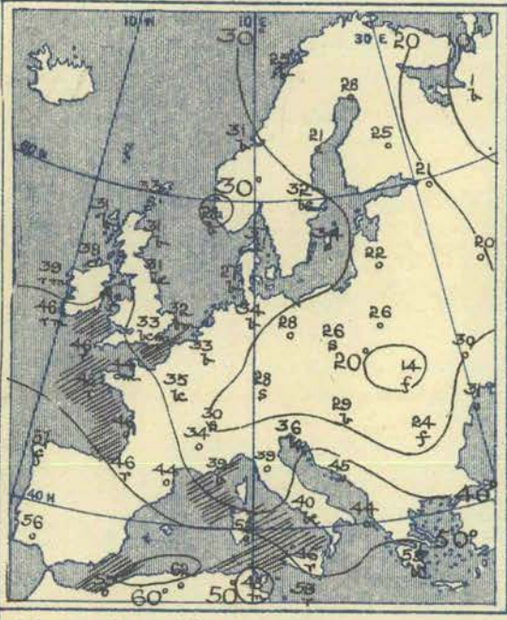
TEMPERATURE fallen in most places, risen quickly over the south of Sweden. Readings in morning much below 32° in the far north and several degrees below over the central countries and Scotland. Increasing to above 50° on the south-west coast of France and on most shores of the Mediterranean. Maximum temperature only 35° at Aberdeen and below 40° over the eastern half of Great Britain generally. Frost continuing all day in some parts of Northern and Central Europe, but thermometer rising to above 60° at some extreme southern stations.

WIND in morning strong to a gale from the North-Westward over our western and southern districts, as well as over the Bay of Biscay, the west coast of France, and the western half of the Mediterranean. Light to moderate or fresh winds mainly from between South-East and East prevailing over the east and north of our area. No important change later in day.

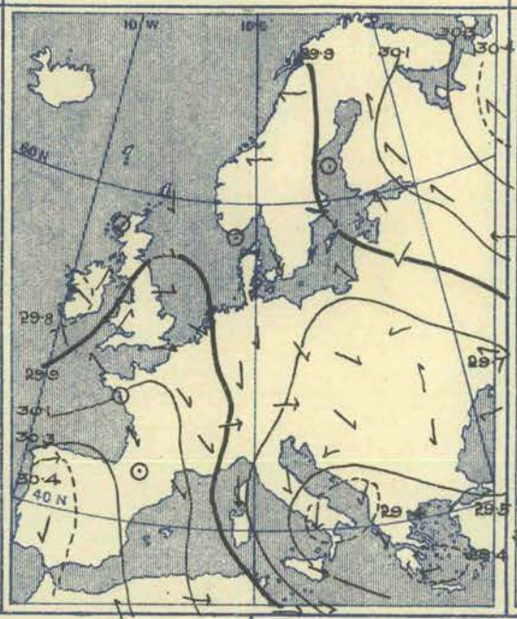
BAROMETER in morning above 30·5 ins. over Portugal and above 30·2 ins. over the White Sea. Below 29·5 ins. in a large depression over Italy, and below 29·3 ins. in another minimum over Schleswig and its vicinity. Italian disturbance growing deeper during day, but that over Denmark decreasing in depth. Gradients becoming very steep over some parts of the Mediterranean. A general increase of pressure taking place over north-eastern Europe, and also over Ireland and Scotland.

Saturday, 15th December, 1906.

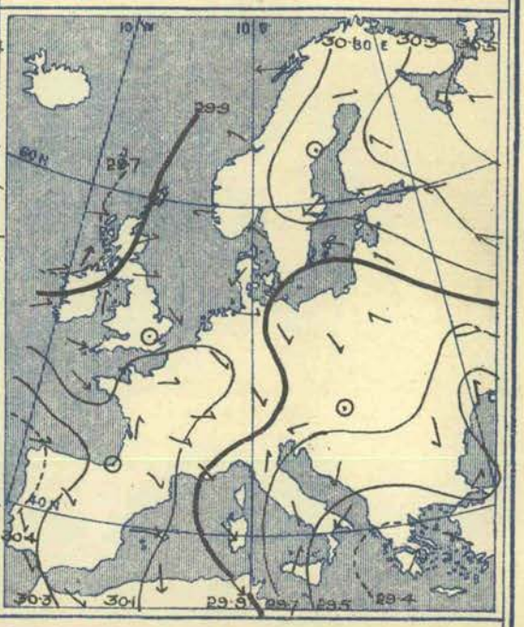
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fair or fine and bright over the east and north of our Islands, the Netherlands, Denmark, and Norway; cloudy or overcast in most other regions, with rain in the west and south-west of the United Kingdom and along the west coast of France, and also at Malta, and snow in various parts of Germany. Rain falling very generally over our Islands later and also in many Continental regions, as much as 0·8 in. at Holyhead and about an inch at Biarritz, Palma, and Palermo.

TEMPERATURE fallen in most districts. Readings in morning ranging from 66° at Sfax and above 50° at a few other southern stations, to below the freezing point over the greater part of the Continent and at some of our own stations. Lowest readings 14° at Lemberg and 1° at Archangel. Maxima during day above 50° on some parts of our west and south-west coasts, but below 40° in east and south-east of this country. Frost continuing all day in several parts of Northern and Central Europe, and thermometer only rising to 45° in the south of Italy. Maximum at Nemours as high as 68°.

WIND in morning strong to a gale from North or North-West over the western part of the Mediterranean. Light from the Eastward or South-Eastward over the northern countries of the Continent; moderate from North-West over England, and light to fresh from the South-Eastward on our south-west coasts. Scarcely any change of general importance during day.

BAROMETER in morning above 30·4 ins., both over the extreme south-west and north-east of our area and decreasing to about 29·8 ins. on the north-west coast of Ireland, and to below 29·4 ins. in a depression centred over Italy and the Adriatic. A very small and shallow depression travelling eastwards over the south of England during day, causing much rain, but no fall of the barometer, and a larger system extending over our northern and north-western districts from the Atlantic. Pressure increasing steadily over Russia and Scandinavia.

IV.—TEMPERATURE on the Grass, and in the Ground.

	STATION.	Grass Min.		Mean Earth Temp.	
		No. of Obs. of 30° or less.	Lowest reading.	At 1 foot.	At 4 feet.
			°	°	°
2.	York	—	—	40·2	46·5
	Hull	7	17	38·3	46·6
3.	Cambridge	7	18	—	—
	Dunmow	7	20	—	—
4.	Harrogate	6	22	39·8	43·8
	Sheffield	6	23	39·0	46·2
	Birmingham	7	20	40·0	47·7
	Nottingham	7	19	36·3	45·1
5.	Kew	6	14	38·4	47·5
	Canterbury	6	22	41·1	48·5
	Portsmouth	3	20	41·9	48·8
6.	Glasgow	6	21	—	—
7.	Newton Rigg	7	15	39·5	45·1
	Bettws-y-Coed	1	30	40·7	47·4
	Manchester (Oldham Road)	6	23	37·8	47·0
8.	Llangammarch Wells	5	19	41·3	47·4
	Bath	—	—	42·8	50·1
	Plymouth	—	—	42·9	—
9.	Armagh	5	25	41·3	47·2
	Markree	4	28	—	—
10.	Dublin, Trin. Coll.	6	24	41·8	47·2
11.	Guernsey, Brooklyn	0	33	45·2	50·6

V.—OBSERVATIONS in the UPPER AIR.—Temperature, Humidity and Wind Velocity.

Date of Observation.	Station and its Height above M.S.L.		Heights in feet above Mean Sea Level. Ground Level.	1,000.	3,320	5,000.	6,000.	8,320.	10,000.	Remarks.
1906. December 11th, 12.20 p.m. to 1.20 p.m.	Pyrton Hill, Oxon, 500 ft.	Temperature F.	38°	40°	38°					One kite, 77 square ft.; 4,200 ft. wire. Max. height, 3,100 ft. Temperature between 38° and 40° throughout. Dull, cloudy morning after sharp frost.
		Humidity	100%	100%	100%					
		Wind Velocity, m. per hr.	SW, —	W by S, 30	W by S, 20					
December 12th, 11.0 a.m. to 12.0 a.m.	Pyrton Hill, Oxon, 500 ft.	Temperature F.								Wind SW, very strong, without change of direction up to 1,700 ft. Cloud level above 1,700 ft. Instruments not sent up.
		Humidity								
		Wind Velocity, m. per hr.								
December 13th, 10.0 a.m. to 11.50 a.m.	Pyrton Hill, Oxon, 500 ft.	Temperature F.	35°	31°	27°	25°				One kite, 77 square ft.; 8,000 ft. wire. Max. height, 5,800 ft. Snowing throughout. Kite meteorograph and upper part of wire came back coated with ice; the ice collected from 1,000 ft. of wire weighed 3 lb. 12 oz.
		Humidity	95%	100%	100%	100%				
		Wind Velocity, m. per hr.	SW, —	SW, 25	SSW, 26	SW, 35				
December 14th, 11.0 a.m. to 11.40 a.m.	Pyrton Hill, Oxon, 500 ft.	Temperature F.	35°	29°	21°					One kite, 60 square ft.; 3,000 ft. wire. Max. height, 2,900 ft. Cloud level could not be determined, as the kite could not be seen at times, owing to falling snow. Wind very strong, dropping towards afternoon.
		Humidity	?	?	?					
		Wind Velocity, m. per hr.	* WNW, 30	NW, 45	NW, 58					
December 15th, 11.10 a.m. to 12.55 p.m.	Brighton, 380 ft.	Temperature F.	34°	33°						
		Humidity	85%	60%						
		Wind Velocity, m. per hr.	NW by W,—	NW by W,—						
December 15th, 10.30 a.m.	Ditcham Park.	Temperature F.								One kite, 53 square ft.; 2,700 ft. wire. Hazy with alto-cumulus.
		Humidity								
		Wind Velocity, m. per hr.								
		Temperature F.								A pilot balloon disappeared at about 7,000 ft. altitude, some 4 miles S 40° E, after 22 minutes, and showed a wind veering considerably with elevation. Uniform ascensional velocity of 300 ft. per minute, based on experiments at ground level has been assumed. Probably lost to sight in clouds.
		Humidity								
		Wind Velocity, m. per hr.								

* At 200 ft. above ground.

63, Victoria Street, London, S.W. *December 19th, 1906.*

W. N. SHAW, *Director.*

WEEKLY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE,

AND PUBLISHED FOR H.M. STATIONERY OFFICE BY WYMAN AND SONS, LTD., FETTER LANE, E.C., AND 32, ABINGDON STREET, WESTMINSTER, S.W.; OR OLIVER AND BOYD, EDINBURGH; OR E. PONSONBY, 116, GRAFTON STREET DUBLIN.

TWENTY-NINTH YEAR. Vol. XXIII. (New Series.) } No. 51. FIFTY-FIRST WEEK, ENDING SATURDAY, DECEMBER 22ND, 1906.

[Price 6d. Annual Subscription post paid £1 10s. 0d.

I.—GENERAL REMARKS.

Weather was very cloudy or dull in all districts, but except at the commencement of the week it was very dry over the Kingdom generally.

Temperature was above the average except in England E. and the English Channel. In Ireland and Scotland the excess was large, amounting to 5·4° in Ireland N., 6·3° in Scotland E., and 7·1° in Scotland N. The highest of the maxima were recorded early in the period, and ranged from 58° in Scotland N. and E. and 57° in Ireland S. to 51° in England E. The lowest of the minima, which occurred very generally on Saturday, ranged from 19° in Scotland E. to 30° in Scotland W., and to 32° in Ireland S.

Rainfall was less than the average throughout the whole Kingdom; over the western section the fall was extremely slight.

Bright Sunshine was deficient in all districts; the percentage of the possible amount ranging from 13 in Ireland N. to 5 in the Midland Counties, and to only 1 in Scotland N.

Barometer and Wind.—During the earlier days of the week depressions passed over our Islands from the Westward, and the winds blew with moderate force from some point between South-West and North-West. By Wednesday, however, the western borders of a very large anticyclonic system stretched across the North Sea to England, and by the end of the week a long band of high pressure extended westwards beyond Ireland. The wind, while continuing mainly South-Westerly in Scotland and the north of England and Ireland, consequently became Easterly or North-Easterly over the southern parts of England and Ireland, and very light and variable in the intervening regions.

SUMMARY OF TEMPERATURE, RAINFALL, AND DURATION OF BRIGHT SUNSHINE IN THE UNITED KINGDOM, FOR AGRICULTURAL AND SANITARY PURPOSES.

THE WEEK (51st)—December 16th to December 22nd, 1906.

DISTRICTS. (See p. 302.)	Temperature. Highest.	Lowest.	Means of Daily Max.	Daily Min.	Daily Mean.	Difference from Av. (35 Yrs.)	Accumulated. Number of Day-Degrees. Above 42°	Difference from Av. (25 Yrs.)	Below 42°	Difference from Av. (25 Yrs.)	Rainfall. Number of Rain-Days.	Diff. from Av. (35 Yrs.)	Total Fall.	Difference from Average (35 Yrs.)	Sunshine. Hours recorded.	Diff. from Av. (25 Yrs.)	Percentage of Possible Duration.	Diff. from Av. (25 Yrs.)
	°	°	°	°	°	°	Day-deg.	Day-deg.	Day-deg	Day-deg.	5		Inches.	Inches.	1		%	%
0. SCOTLAND, NORTH	58	27	49·5	40·7	45·3	+ 7·1	29	+ 21	4	- 26		0	0·77	- 0·63		- 5	1	-11
1. SCOTLAND, EAST	58	19	48·6	37·9	43·4	+ 6·3	27	+ 20	11	- 26	2	- 2	0·09	- 0·57	4	- 3	8	- 6
2. ENGLAND, N.E	53	25	45·5	35·2	39·5	+ 1·2	4	- 5	26	- 4	3	- 1	0·20	- 0·28	4	- 5	8	-10
Eastern 3. ENGLAND, EAST	51	24	42·1	34·1	38·3	- 0·3	0	- 9	29	- 4	2	- 2	0·27	- 0·17	6	- 3	11	- 5
4. MIDLAND COUNTIES	53	24	44·5	36·3	40·6	+ 2·1	7	- 3	23	- 12	2	- 2	0·12	- 0·41	2	- 5	5	- 9
5. ENGLAND, SOUTH	56	26	43·4	36·5	40·1	+ 0·1	4	- 11	21	- 4	2	- 2	0·18	- 0·41	5	- 5	9	-10
6. SCOTLAND, WEST	54	30	48·0	40·7	44·5	+ 4·3	23	+ 11	4	- 19	2	- 2	0·24	- 1·00	2	- 5	4	- 9
7. ENGLAND, N.W.	56	27	45·5	38·4	42·1	+ 2·2	16	+ 4	10	- 14	1	- 3	0·04	- 0·69	3	- 4	6	- 8
Western 8. ENGLAND, S.W.	55	25	45·2	38·5	42·0	+ 0·9	9	- 10	10	- 8	2	- 2	0·03	- 0·95	6	- 4	11	- 8
9. IRELAND, NORTH	55	31	48·7	43·0	46·0	+ 5·4	28	+ 14	0	- 21	2	- 3	0·08	- 0·78	7	- 2	13	- 3
10. IRELAND, SOUTH	57	32	49·4	43·0	46·4	+ 3·9	31	+ 9	0	- 18	1	- 4	0·02	- 0·99	4	- 6	8	-11
11. ENGLISH CHANNEL	53	28	48·0	42·1	45·2	- 0·1	22	- 9	0	- 5	3	- 2	0·12	- 0·80	5	- 7	9	-12

THE SEASON (Winter).—Aggregates, &c., for the Period of 3 Weeks, December 2nd to December 22nd, 1906.

0. SCOTLAND NORTH	58	17	*	*	*	*	54	+ 26	78	- 4	18	+ 3	4·45	+0·35	7	- 8	5	- 6
1. SCOTLAND, EAST	58	16	*	*	*	*	55	+ 30	88	- 8	12	0	1·33	- 0·71	24	+ 2	17	+ 2
2. ENGLAND, N.E.	56	24	*	*	*	*	32	0	89	+ 11	12	+ 1	1·12	- 0·39	27	+ 3	18	+ 2
Eastern 3. ENGLAND, EAST	56	22	*	*	*	*	29	- 4	88	- 2	11	- 1	1·19	- 0·22	35	+ 7	22	+ 5
4. MIDLAND COUNTIES	57	22	*	*	*	*	36	- 1	78	- 18	12	+ 1	1·48	- 0·11	30	+ 7	19	+ 5
5. ENGLAND, SOUTH	56	23	*	*	*	*	34	- 21	66	+ 1	10	- 1	1·07	- 0·76	41	+ 10	25	+ 6
6. SCOTLAND, WEST	54	20	*	*	*	*	51	+ 9	59	- 3	14	+ 1	3·58	+0·15	23	+ 3	16	+ 2
7. ENGLAND, N.W.	57	20	*	*	*	*	45	+ 1	48	- 15	13	+ 1	2·41	+0·15	23	+ 3	15	+ 2
Western 8. ENGLAND, S.W.	56	25	*	*	*	*	45	- 21	43	- 5	11	- 2	1·98	- 0·93	32	+ 1	20	+ 1
9. IRELAND, NORTH	56	28	*	*	*	*	61	+ 13	33	- 24	14	- 1	2·43	- 0·17	29	+ 4	19	+ 2
10. IRELAND, SOUTH	57	26	*	*	*	*	76	+ 3	29	- 19	13	- 1	1·93	- 1·72	31	- 2	19	- 1
11. ENGLISH CHANNEL	56	28	*	*	*	*	91	- 13	1	- 11	15	+ 1	1·73	- 1·11	32	- 5	19	- 3

THE YEAR.—Aggregates, &c., for the period of 51 Weeks, December 31st, 1905, to December 22nd, 1906.

0. SCOTLAND, NORTH	89	8	*	*	*	*	2112	+ 77	787	+ 37	256	+29	54·18	+4·77	1170	+ 42	27	+ 1
1. SCOTLAND, EAST	88	11	*	*	*	*	2463	+149	794	- 45	208	+15	34·53	+3·51	1436	+128	33	+ 3
2. ENGLAND, N.E.	94	18	*	*	*	*	3020	+429	579	- 66	183	+ 9	23·65	- 1·29	1586	+123	36	+ 3
Eastern 3. ENGLAND, EAST	93	22	*	*	*	*	3390	+388	516	-266	160	-11	23·41	- 0·49	1800	+258	41	+ 6
4. MIDLAND COUNTIES	96	18	*	*	*	*	3227	+305	616	-137	179	+ 6	24·72	- 2·17	1544	+199	36	+ 5
5. ENGLAND, SOUTH	92	20	*	*	*	*	3429	+137	427	- 95	170	+ 1	27·25	- 0·19	1853	+263	43	+ 6
6. SCOTLAND, WEST	89	14	*	*	*	*	2687	+152	513	- 51	211	+10	47·41	- 0·57	1429	+ 92	33	+ 2
7. ENGLAND, N.W.	90	16	*	*	*	*	2948	+136	459	- 55	202	+14	36·26	+2·36	1504	+155	35	+ 4
Western 8. ENGLAND, S.W.	88	19	*	*	*	*	3221	+ 62	399	+ 6	198	+11	39·61	+1·31	1700	+170	39	+ 4
9. IRELAND, NORTH	84	20	*	*	*	*	2720	+ 15	433	- 49	248	+22	37·05	+0·47	1351	+ 89	31	+ 2
10. IRELAND, SOUTH	81	24	*	*	*	*	3277	+151	325	- 42	228	+26	34·67	- 5·69	1488	+ 30	34	+ 1
11. ENGLISH CHANNEL	89	27	*	*	*	*	3877	+ 90	80	- 52	193	- 4	28·35	- 5·58	1930	+ 78	44	+ 2

Bright Sunshine.—For certain of the Districts the values of Bright Sunshine in this Table are based on the records from a part only of the Stations included in Table II. For certain of the Stations Mean Values are not available, and for the Districts containing these Stations the "Difference from Average" is based on the records from a smaller number of Stations than those supplying the values for "Hours Recorded."

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III.—DATA from which the SUMMARY on page 301 has been calculated.

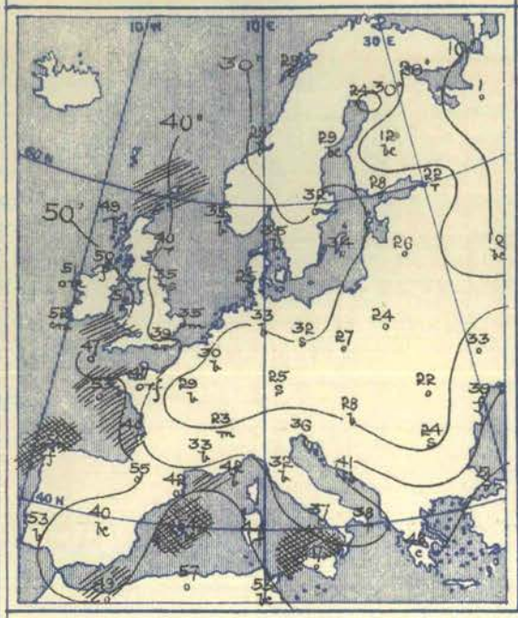
December 16-22, 1906.			Temperature. In Degrees Fahrenheit.							Rainfall.			Bright Sunshine.			
Districts.		Names of Stations.	Highest observed.	Lowest observed.	Mean for the Week. Of Highest each day.	Mean for the Week. Of Lowest each day.	Mean for the Week. For whole of each day.	Difference of Daily Average from Mean for the Week.	Accumulated Heat for the Week (in Day-degrees). Above 42°.	Accumulated Heat for the Week (in Day-degrees). Below 42°.	Number of Rain-Days.	Rainfall in the Week.	Difference from the Mean for the Week.	Number of Hours recorded.	Difference from the Mean for the Week.	Percentage of possible duration.	Difference from the Mean for the Week.
			°	°	°	°	°	°	Day-deg	Day-deg		Inches.	Inches.	Hrs.	Hrs.	%	%
0. SCOTLAND, N.		†Sumburgh Head (Deerness)	50	33	48·4	40·7	44·7	+ 5·1	24	4	6	0·77	− 0·28	0·3	− 5·6	1	− 14
		Wick	58	27	50·0	37·9	44·2	+ 5·8	33	11	3	0·13	− 0·53	*	*	*	*
		†Lairg (Strathpeffer)	55	29	49·8	37·3	43·8	+ 8·6	32	13	4	0·22	− 0·62	2·0	− 4·6	5	− 11
		Stornoway	54	31	51·0	40·0	45·7	+ 6·4	34	6	6	0·45	− 0·87	0·0	− 5·3	0	− 12
		Glencarron	51	37	48·3	42·1	45·6	+ 8·8	25	0	6	2·16	− 0·21	*	*	*	*
		Fort Augustus	51	33	49·4	42·9	46·3	+ 8·1	30	0	4	0·41	− 0·91	0·0	− 2·4	0	− 5
		Fort William	52	38	49·1	43·7	46·5	+ 7·0	32	0	4	1·26	− 0·07	*	*	*	*
1. SCOTLAND, E.		Nairn	54	25	50·1	37·9	44·2	+ 6·7	33	11	2	0·08	− 0·38	1·2	—	3	—
		Aberdeen	53	28	46·3	37·4	42·0	+ 4·0	12	13	4	0·23	− 0·44	4·4	− 3·9	10	− 9
		†Balmoral (Crathes)	52	19	46·6	35·3	41·2	+ 6·6	13	28	2	0·03	− 0·70	8·1	—	18	—
		†Clatchick (Balruddery)	58	28	54·2	40·1	47·4	+10·2	46	5	0	0·00	− 0·96	0·7	—	2	—
		†Leith (Edinburgh)	54	28	49·6	41·1	45·5	+ 6·4	28	3	3	0·04	− 0·39	3·2	− 1·5	7	− 3
		Marchmont	49	25	44·7	35·6	40·3	+ 3·7	8	25	1	0·13	− 0·53	5·4	− 2·7	12	− 6
2. ENGLAND, N.E.	Northern part.	†Alnwick Castle (Cockle Park)	50	25	44·8	35·0	40·1	+ 1·8	8	28	2	0·16	− 0·50	6·3	—	13	—
		†Shields (Newcastle)	52	27	45·1	34·9	40·2	+ 1·1	9	23	2	0·18	− 0·28	3·3	− 2·1	7	− 4
		Durham	53	29	44·2	35·7	40·1	+ 2·5	6	25	2	0·10	− 0·41	4·6	− 4·8	9	− 10
		Scarborough	49	33	43·8	36·1	40·1	+ 0·8	5	23	3	0·20	− 0·32	0·3	—	1	—
		York	50	29	42·7	35·3	39·2	+ 0·9	2	25	3	0·20	− 0·24	0·0	− 5·6	0	− 11
	Southern part.	†Spurn Head (Saltburn)	47	34	43·1	36·3	39·8	+ 0·2	3	21	1	0·23	− 0·22				
		†Lincoln (Skegness)	48	26	42·5	33·9	38·4	+ 0·9	1	30	4	0·26	− 0·17	7·4	—	15	—
		†Fulbeck (Rauceby)	47	26	41·9	34·3	38·3	+ 1·1	0	26	3	0·29	− 0·11	4·7	—	9	—
		(Cromer)													—		—
ENGLAND, E.	Northern part.	Hillington	47	24	41·4	31·6	36·7	− 0·9	0	37	3	0·41	− 0·09	6·0	3·2	12	− 6
		†Yarmouth (Lowestoft)	45	30	41·6	35·0	38·4	− 0·1	0	25	2	0·10	− 0·35		—		—
		Geldeston	50	27	42·5	31·4	37·2	− 1·4	1	39	2	0·12	− 0·32	13·2	+ 2·5	25	+ 5
		(Dunmow)												5·6	—	11	—
	Southern part.	Cambridge	47	27	42·4	33·9	38·3	+ 0·4	1	30	2	0·27	− 0·10	4·5	− 4·5	9	− 9
		Felixstowe											—		—		—
		Clacton-on-Sea	48	29	41·9	34·9	38·5	− 0·3	0	25	1	0·33	—	10·4	—	20	—
		Rothamsted	49	29	41·3	34·0	37·8	− 0·1	0	29	2	0·31	− 0·23	8·7	− 5·7	7	− 11
		†Shoeburyness (Southend)	49	28	42·7	34·7	38·9	− 0·6	2	27	1	0·35	− 0·01	2·7	—	5	—
		London, Westminster	51	33	43·3	37·0	40·3	+ 0·6	4	19	1	0·27	− 0·17	0·5	− 2·5	1	− 5
4. MIDLAND COUNTIES.	Eastern part.	Harrogate	48	28	43·7	35·5	39.8	+ 2·3	5	25	4	0·17	− 0·38	0·0		0	—
		†Bawtry (Worksop)	50	24	43·4	32·9	38·4	+ 0·5	4	35	5	0·21	− 0·23	0·0	− 6·9	0	− 14
		Nottingham	48	30	42·7	35·4	39·2	+ 1·0	2	25	4	0·33	− 0·14	2·9	—	6	—
		†Colly Weston (Oundle)	48	29	45·6	34·9	40·5	+ 3.1	10	29	3	0·24	− 0·21		—		—
		Birmingham, Edgbaston	51	31	45·0	37·2	41·3	+ 2·8	8	20	1	0·02	− 0·43	0·5	—	1	—
		Oxford	50	31	43·7	37·4	40·7	+ 1·8	5	18	2	0·17	− 0·27	5·1	− 4·1	10	− 8
	Western part.	†Cheadle (Sheffield)	47	29	42·8	36·3	39·7	+ 2.5	2	22	2	0·13	− 0·53	0·0	—	0	—
		Shrewsbury	53	25	47·5	37·7	42·8	+ 1·9	24	12	0	0·00	—	*	*	*	*
		Hereford	53	30	45·0	38·3	41·8	+ 2·9	8	16	0	0·00	− 0·54	*	*	*	*
		Cirencester	52	30	44·9	35·9	40·6	+ 2.7	8	25	1	0·01	− 0·60	5·7	− 2·9	11	− 5
		Bath	52	30	45·6	38·1	42·0	+ 1·4	10	17	0	0·00	− 0·65	5·2	—	10	—
		(Margate)												6·1	− 4·2	12	− 8
5. ENGLAND, S.		Kew	50	30	44·0	36·6	40·5	+ 1·1	6	22	1	0·17	− 0·25	1·4	− 6·9	3	− 13
		Wisley, Surrey	49	26	42·9	36·0	39·6	+ 0·2	3	23	2	0·19	—	0·0	—	0	—
		†Swarraton (Ventnor)	49	29	42·3	35·2	38·9	+ 0·7	1	25	2	0·10	− 0·58	4·0	− 7·0	7	− 13
		Tunbridge Wells	47	27	40·3	33·9	37·2	− 1·3	0	34	2	0·32	− 0·31	4·3	− 5·2	8	− 10
		†Dungeness (Littlestone)	51	28	42·7	35·7	39·3	− 1·6	2	23	2	0·32	− 0·18	9·1	—	17	—
		Hastings	52	29	42·8	35·1	39·1	− 1·6	2	26	1	0·26	− 0·37	10·3	− 2·3	19	− 4
		Southampton	51	30	45·5	37·6	41·7	+ 1·0	10	19	2	0·06	− 0·61	3·7	− 6·9	7	− 13
		†Portland Bill (Worthing)	56	33	47·0	41·6	44·4	+ 2·2	18	1	0	0·00	—	5·6	—	10	—
		(Eastbourne)												9·0	− 2·8	17	− 5
6. SCOTLAND, W.		†Laudale (Oban)	54	31	50·7	42·2	46·6	+ 5·8	32	0	4	0·72	− 1·41	0·0	—	0	—
		Glasgow	51	34	48·2	42·4	45·4	+ 6·6	24	0	1	0·06	− 0·84	0·8	− 2·8	2	− 6
		Dumfries	51	30	44·4	37·9	41·3	+ 2·7	7	17	2	0·34	− 0·60	*	*	*	*
		Cally	50	33	47·8	40·6	44·3	+ 5·7	22	4	2	0·06	− 1·11	*	*	*	*
		Douglas, Isle of Man	54	36	48·9	40·4	44·8	+ 3·1	26	4	1	0·02	− 1·02	3·0	− 6·2	6	− 12
7.	ENGLAND, N.W.	Aspatria	51	29	45·8	38·8	42·4	+ 4·4	16	9	2	0·07	− 0·76	2·5	—	5	—
		Newton Rigg	52	28	44·7	35·2	40·1	+ 3·1	8	27	0	0·00	− 0·83	1·9	− 5·6	4	− 11
		Stonyhurst	48	30	43·0	36·7	40·0	+ 1·7	3	20	1	0·04	− 0·95	0·0	− 5·8	0	− 12
		Blackpool	49	27	44·5	37·1	41·0	+ 1·8	7	20	2	0·03	− 0·65	1·1	− 5·2	2	− 10
		Manchester, Prestwich	49	27	44·1	37·2	40·8	+ 2·3	6	19	2	0·13	− 0·62	0·0	− 3·6	0	− 7
		†Liverpool Obs. (Hoylake)	51	30	44·7	39·6	42·3	+ 2·1	12	7	1	0·03	− 0·51	4·8	—	9	—
		†Hawarden Bridge (Southport)	52	32	46·2	39·2	42·8	+ 2.0	17	8	0	0·00	− 0·47	0·1	—	0	—
	NORTH WALES	Llandudno	52	31	47·4	40·2	43·9	+ 1·7	21	5	1	0·04	− 0·61	8·0	− 0·4	16	− 1
		†Holyhead (Aberdovey)	52	35	47·3	42·9	45·2	+ 2·2	22	0	1	0·03	− 0·82	4·3	—	8	—
		Bettws-y-Coed	56	27	47·7	36·6	42·4	+ 0·2	25	15	0	0·00	—	3·0	—	6	—
8.	SOUTH WALES	Llangammarch Wells	50	25	44·0	34·5	39·4	− 0·5	6	29	1	0·01	—	3·3	—	6	—
		Pembroke	55	29	47·7	41·1	44·5	+ 0·4	21	3	2	0·02	− 0·88	1·1	− 8·6	2	− 16
		†Cardiff (Aberystwyth)	53	29	45·4	38·0	41·9	+ 1·3	10	18	2	0·02	− 1·01	6·5	—	13	—
	ENGLAND, S.W.	†Clifton (Torquay)	52	31	45·2	39·6	42·5	+ 1·8	14	7	1	0·01	− 0·72	1·8	− 10·4	3	− 19
		†Shaftesbury (Marlborough)	48	28	42·3	36·5	39·5	+ 0·9	1	20	1	0·01	− 0·69	4·4	− 3·6	8	− 7
		†Arlington (Newquay)	51	28	43·9	37·3	40·7	+ 0·3	5	18	3	0·04	1·36	10·2	− 0·8	19	− 2
		Cullompton	54	28	45·4	38·4	42·0	+ 2·5	10	10	1	0·02	− 0·84	3·8	− 4·7	7	− 9
		Plymouth															
		Falmouth	54	32	48·0	42·2	45·2	+ 0·6	22	0	2	0·10	− 1·21	9·8	− 2·6	18	− 5
9. IRELAND, N.	Western part.	Malin Head	52	37	47·6	43·6	45·7	+ 3·9	26	0	1	0·04	− 0·68	*	*	*	*
		Edenfel	53	34	47·4	41·1	44·4	+ 6·2	21	3	2	0·12	− 0·75	*	*	*	*
		Blacksod Point	54	37	50·7	44·7	47·8	+ 4·5	41	0	6	0·27	− 1·03	*	*	*	*
		Markree Castle	54	31	48·8	42·6	45·8	+ 6·1	27	0	2	0·04	− 0·93	7·1	− 0·5	14	− 1
	Eastern part.	Armagh	53	35	48·6	42·5	45·7	+ 6·3	26	0	0	0·00	− 0·63	6·0	− 2·6	12	− 5
		Donaghadee	55	39	49·3	43·6	46·6	+ 5·1	32	0	0	0·00	− 0·66	*	*	*	*
10. IRELAND, S.	Eastern part.	†Dublin, City (Phœnix Park)	55	38	51·3	44·2	47·9	+ 5·9	41	0	0	0·00	− 0·50	5·4	− 6·3	11	− 12
		Kilkenny	54	32	47·7	38·4	43·2	+ 2·4	24	10	0	0·00	− 0·74	*	*	*	*
		Waterford	55	35	49·4	41·4	45·6	+ 4·1	28	2	1	0·02	− 0·96	*	*	*	*
	Western part.	Birr Castle	54	34	48·3	39·9	44·3	+ 4·3	25	6	1	0·01	− 0·66	6·6	− 3·1	13	− 6
		Foynes	55	40	49·2	44·3	46·9	+ 4·7	34	0	0	0·00	− 1·00	*	*	*	*
		Killarney	57	38	50·3	44·8	47·7	+ 4·2	40	0	1	0·01	− 1·59	*	*	*	*
		Valencia	54	37	50·1	46·0	48·1	+ 2·5	43	0	3	0·06	− 1·34	1·9	− 7·4	4	− 14
		†Roches Point (Ballinacurra)	53	41	48·9	45·3	47·2	+ 2·9	36	0	2	0·04	− 1·16	2·4	—	5	—
11 ENGLISH CHANNEL		Scilly, St. Mary's	53	41	50·1	44·4	47·4	+ 0·2	38	0	3	0·18	− 0·77	8·0	− 3·0	15	− 6
		†Jersey, St. Aubins (St. Heliers)	53	28	45·9	39·9	43·0	− 1·1	16	6	3	0·08	− 0·77	3·7	− 10·0	7	− 18
		Guernsey	53	34	48·1	42·1	45·2	+ 0·6	22	0	2	0·10	− 0·87	3·6	− 6·4	7	− 12

Information for Stations marked M is supplied by the Royal Meteorological Society, and that for Stations marked S is supplied by the Scottish Meteorological Society.
* An Asterisk is inserted in all places for which the information is not usually given.
† There is no Sunshine Recorder in use at this Station. The figures entered for Sunshine are those recorded at a Station in the same district of which the name is given in brackets.

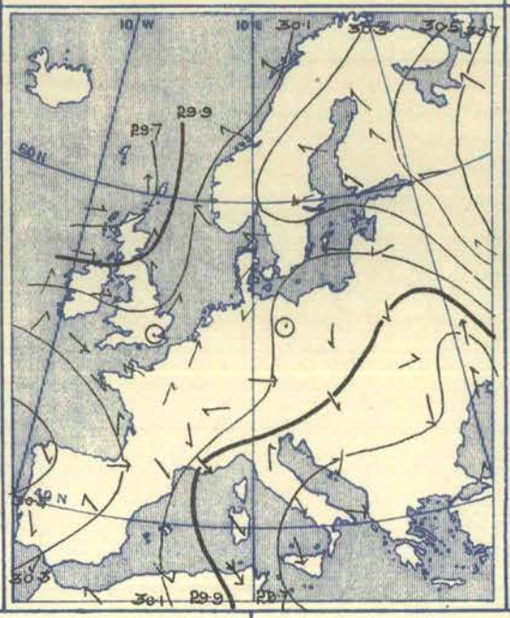
Additional Sunshine Totals for the week: Ramsgate, 8·3 hrs., 16 %; Brighton, 5·3 hrs. (− 5·7), 10 % (− 11 %); Bournemouth, 6·2 hrs., 12 %; Bognor, 4·2 hrs., 8 %; Rhyl, 9·3 hrs., 18 %; Tenby, 4·2 hrs. (− 6·2), 8 % (− 12 %).

Sunday, 16th December, 1906.

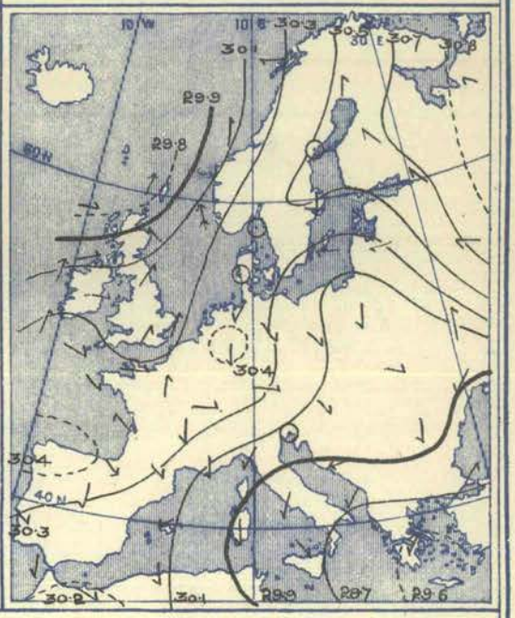
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine and bright over the north of Italy and the Riviera as well as over the Netherlands and Denmark, and in a few isolated localities elsewhere. Cloudy or quite overcast generally, with rain over the eastern half of Great Britain and the north of France, and also at Nicolaieff and Brindisi. Snow falling at some German stations. Rain continuing throughout the day in the south-east of England, and various amounts of rain or snow falling in many parts of central and southern Europe and in Algeria. Largest measurement 1·5 in. at Aumale.

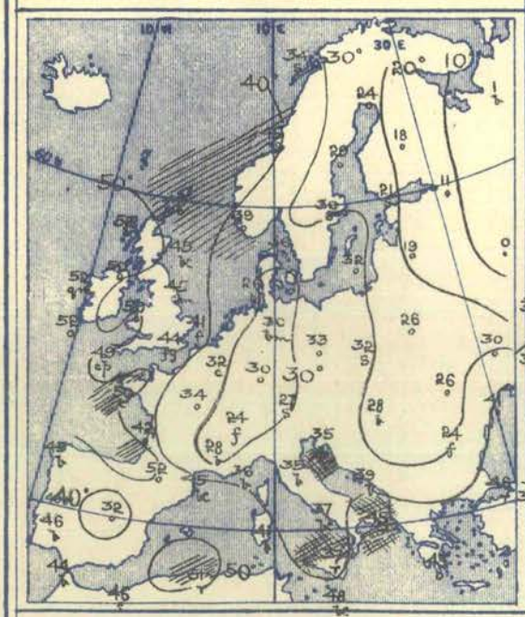
TEMPERATURE risen over the United Kingdom and most parts of Scandinavia, fallen or changed irregularly elsewhere. Readings in morning above 50° over Ireland and Wales, as well as at some stations in the extreme south of our area; highest value 57° at Algiers. Below the freezing point over nearly all the inland parts of Europe, and as low as 10° at Moscow, and 1° at Archangel. Frost continuing all day in many regions, and thermometer only rising to 47° at Naples and Palermo, and 53° at Malta. Maxima above 60° in Algeria.

WIND in morning mainly Westerly to Southerly or South-Easterly over our Islands and the north-western countries generally, and light or moderate in force. Strong to moderate from the North-Westward over the western part of the Mediterranean, and moderate from the Southward or South-Eastward over Russia. Not much change during day over our area as a whole, but wind increasing to a gale from South South-East on the south-west coast of Norway.

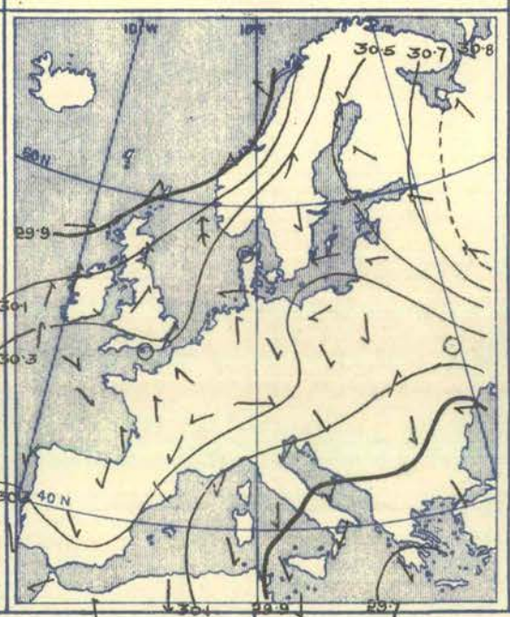
BAROMETER at 8 a.m. above 30·7 ins. over the north of Russia and above 30·5 in. in the north-west of Spain. Decreasing to below 29·7 ins. both to the northward of our Islands and over the south-eastern Countries of Europe. A small minimum shown over the south of England. Latter moving eastwards during day, and barometer rising slowing over the United Kingdom generally. Russian anticyclone extending westwards over Scandinavia and gradients increasing over the northern portion of the North Sea.

Monday, 17th December, 1906.

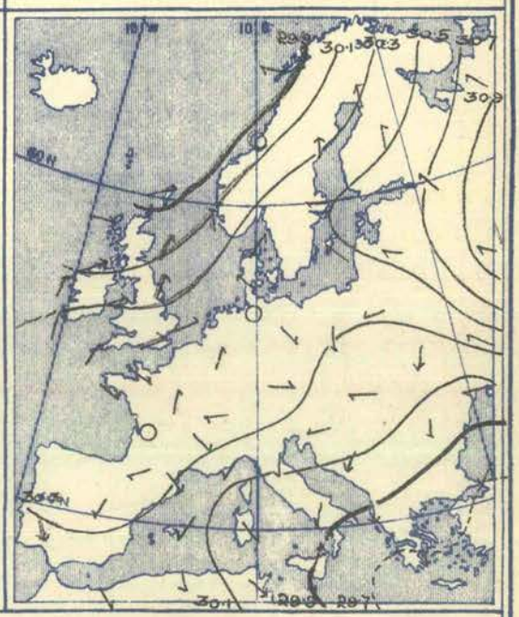
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. cloudy or overcast very generally, with mist or fog in many parts of England and the nearer regions of the Continent, rain at Dungeness, Bilbao, Algiers, Brindisi, and Constantinople, and snow at some central and northern stations. Fine and bright in Portugal, the Riviera, and the north of Italy. Slight precipitation occurring later in some parts of this country and in a few Continental regions.

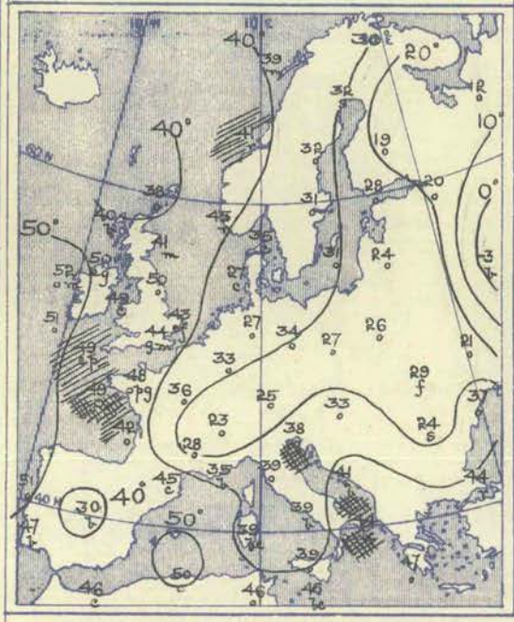
TEMPERATURE risen over the United Kingdom and Norway, fallen or changed irregularly over our area as a whole. Readings in morning ranging from 52° at Nairn, Valencia (Ireland), and Biarritz to below 32° over the major portion of the Continent, and to about zero over a considerable part of northern Russia. Maxima during day rather above 50° in most British and Irish localities, along the west coast of France, and at several stations on the shores of the Mediterranean. Thermometer rising to 60° or above in Algeria, but only touching 50° at Palermo and 51° at Malta.

WIND in morning strong from the South-Westward on the north-west coast of Ireland, and blowing a gale from South South-East at Skudesnaes; light or moderate from between South and West over the north-west of Europe as a whole, and moderate to very strong from the Northward or North-Eastward over the Mediterranean region. Light Easterly to South-Easterly winds prevailing over Russia. No general change later in day; gale at Skudesnaes subsiding.

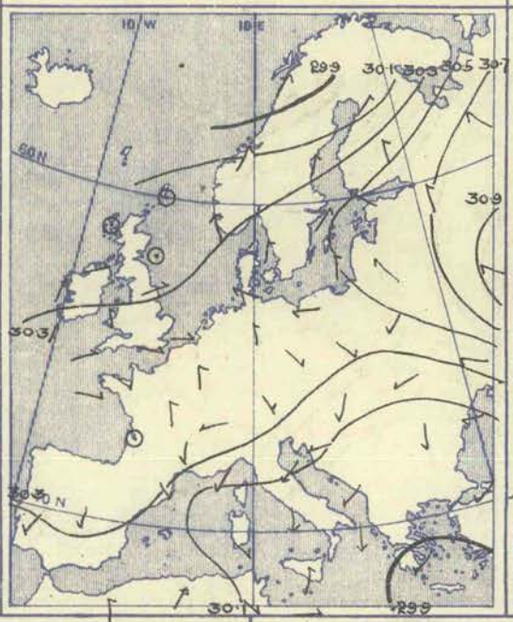
BAROMETER in morning above 30·8 ins. over the northern half of Russia; below 29·7 ins. in a depression over Greece and its vicinity, and less than 29·9 ins. over the north-eastern portion of the Atlantic. Shallow secondary disturbances shown over Poland and the south-east of England. No great change occurring later; Russian anticyclone increasing in intensity and a shallow depression moving eastwards in the neighbourhood of the Shetlands. Depression in the south-east of Europe apparently moving away southwards, and barometer rising in its rear over Greece and Italy.

Tuesday, 18th December, 1906.

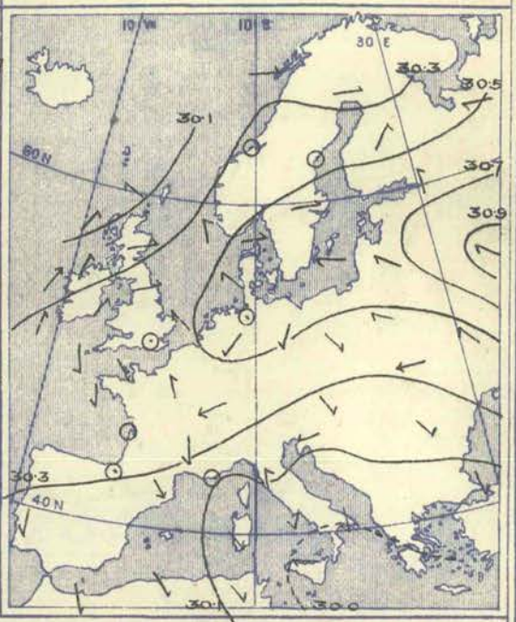
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine and bright over Italy and the Riviera, as well as over the greater portion of Spain and Portugal. Much cloud prevailing over our area generally, with mist or fog at several English stations and over the adjacent parts of the Continent, rain on the west coast of Norway, and snow at Haparanda and Hermanstadt. Very slight rain experienced later in some English and Irish districts and slight rain or snow in a few Continental localities.

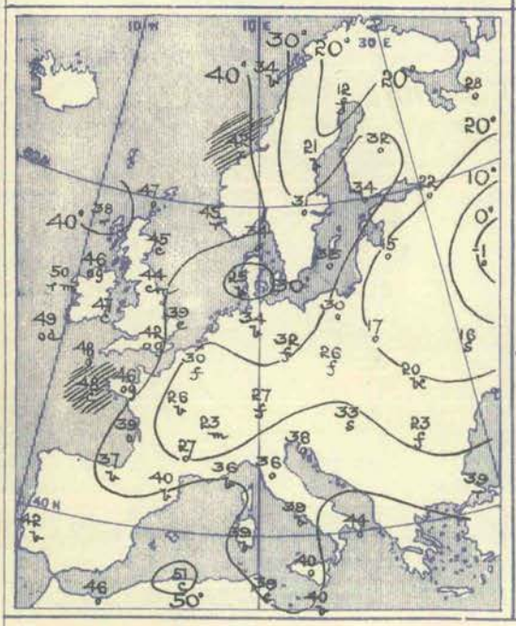
TEMPERATURE changed irregularly as a whole, fallen in Scotland. Readings in morning highest, 52° at Leith, and 50° at one or two stations on the shores of the Mediterranean. Lowest, -3° at Moscow. Much below 32° over Russia and a considerable portion of central Europe, only 30° at Madrid, and below 40° over the greater part of Italy. Frost continuing all day in most parts of central and north eastern Europe, and also at Gap and Besançon. Maxima above 60° over the major portion of these Islands and along the west coast of France, and about 60° on the coast of Algeria.

WIND in morning mainly South-Westerly over the northern half of our area, from some point between North-East and North-West over the Mediterranean and southern Europe, and light and variable in the intervening regions. No greater force than a strong breeze in any part of our area. No important change occurring later in day.

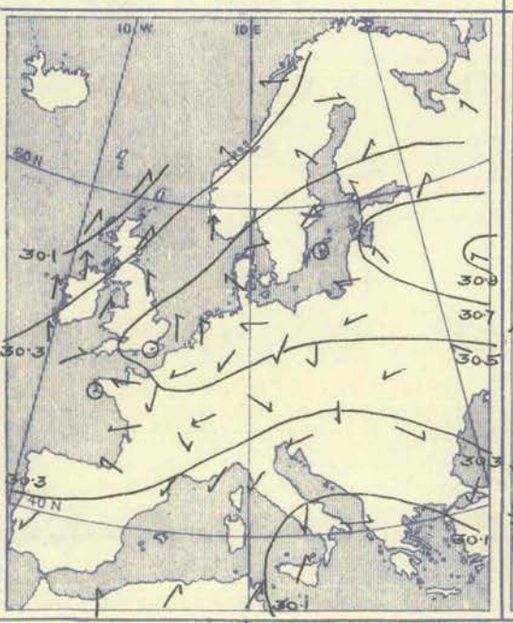
BAROMETER in morning as high as 30·99 ins. at Moscow, above 30·6 ins. over most other parts of Russia, and above 30·4 ins. in an anticyclonic band extending thence across the Baltic to France and the Bay of Biscay. Below 29·9 ins. both over the Balkan Peninsula, and also off the north-west of Norway. Anticyclone extending steadily westwards during day, and barometer rising to 30·6 ins. over Denmark. A decrease of pressure taking place in the north and north-west of Scotland, and a small, local minimum appearing off the coast of Dorsetshire.

Wednesday, 19th December, 1906.

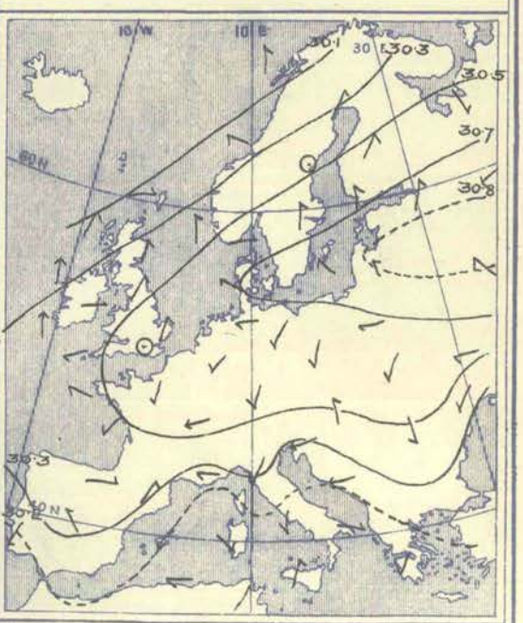
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine and bright over the Spanish Peninsula and in several other parts of southern Europe, but very cloudy or overcast generally, with fog or mist in many English localities, and in Belgium and Germany, and rain in the north-west of Ireland and Scotland, as well as at Skudesnaes and Constantinople. Nearly an inch of rain falling later in the north-west of Norway, considerable amounts at some Italian stations, and slight amounts on our own north-west coasts.

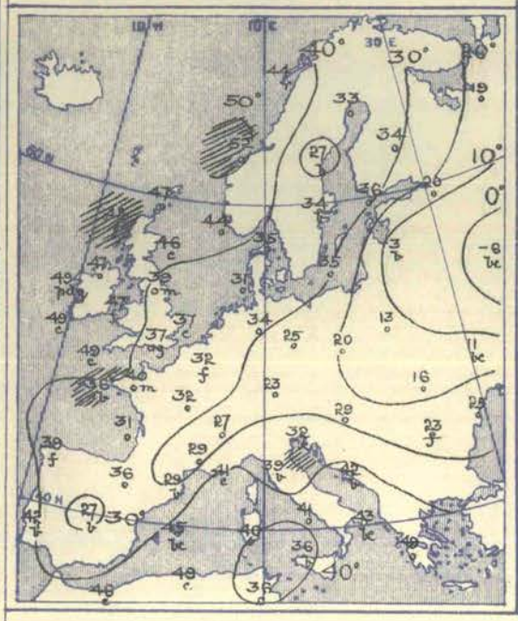
TEMPERATURE fallen as a whole, risen over Finland and the adjacent portion of Russia. Readings in morning below 50° except on the coast of Algeria, and below the freezing point over most inland districts of the Continent; frost very severe over the eastern half of Europe, lowest reading, 1° at Moscow. Maxima below 32° over the central countries and Russia, as well as in the east of France, and only 36° at Cette and 45° at Rome. Thermometer rising to above 50° at some extreme southern stations and at various places on our west and north-west coasts.

WIND in morning light or moderate from between South and West over the north-western countries, and light from between East and North in the south and south-west. Very little change taking place during the ensuing twenty-four hours. Direction becoming rather more variable in the southern regions of Europe.

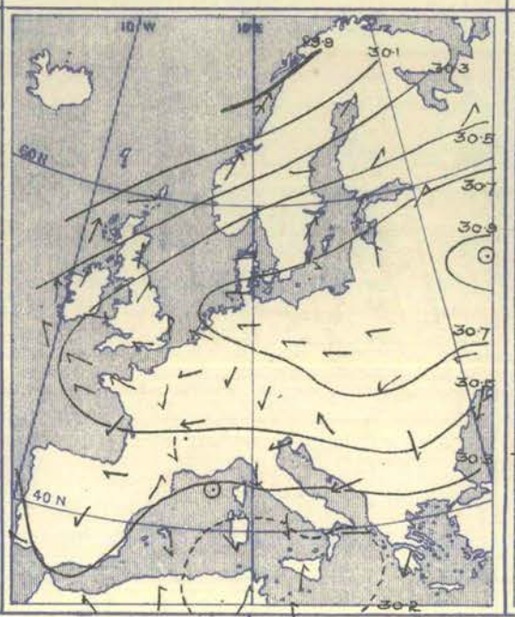
BAROMETER in morning above 30·9 ins. in the centre of Russia and relatively high in an anticyclonic band extending thence to the south-east of England. Below 30·1 ins. in the south-east of Europe, and less than 30·0 ins. beyond our own north-west coasts. General distribution undergoing no change during day, but readings increasing somewhat in height in most regions. A fall of the barometer occurring in the extreme north of Scandinavia.

Thursday, 20th December, 1906.

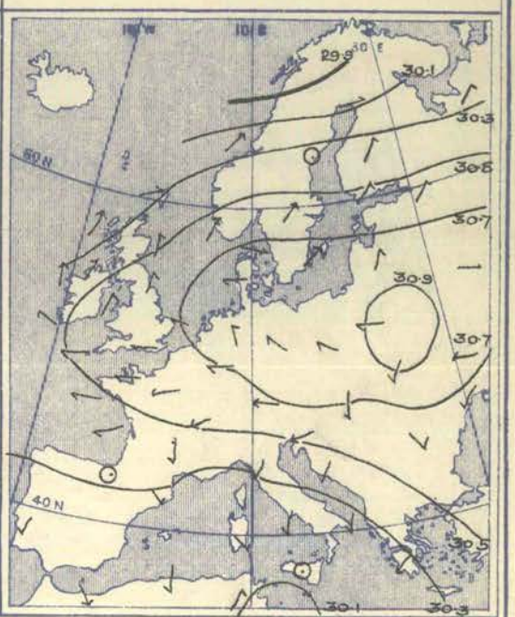
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. cloudy or quite overcast in almost all regions except those in the far south of our area. Mist or fog prevailing in some parts of these Islands and the Netherlands, and also at Corunna, and rain at Bodö and Helsingfors. More than half an inch of rain or snow falling later on the north-west coast of Norway and smaller quantities at some stations on the shores of the Mediterranean.

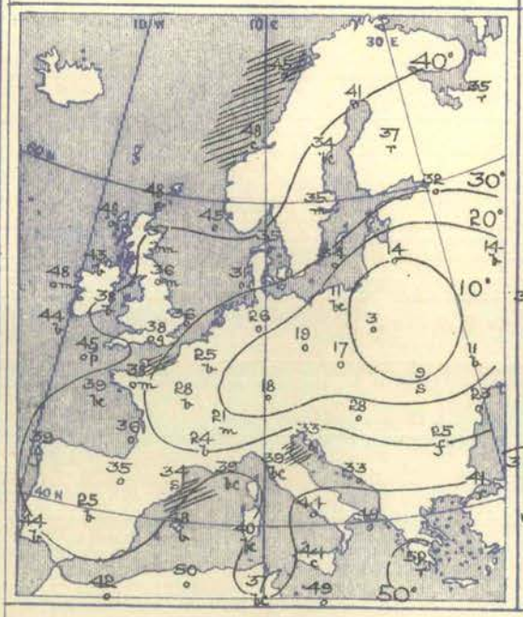
TEMPERATURE fallen generally, risen over Scandinavia, Finland, and Denmark. Readings at 8 a.m. below the freezing point over nearly the whole of the Continent, and no higher than 36° at Palermo and 39° at Rome. Thermometer nearly 50° on our west and north coasts and on the coast of Algeria. Severe frost continuing all day over the central countries and Russia and thermometer only rising to 36° in the south-east of England. Maxima above 50° in the far south of our area.

WIND in morning fresh or strong to a gale from the South-Westward along the west coast of Norway and light or moderate from the same quarter over most of our Islands and north-eastern Europe. Moderate or light winds, mainly from the Eastward or North-Eastward, prevailing over the southern half of our area. Some increase in force later in day over the northern part of the Continent, but no important change as a whole.

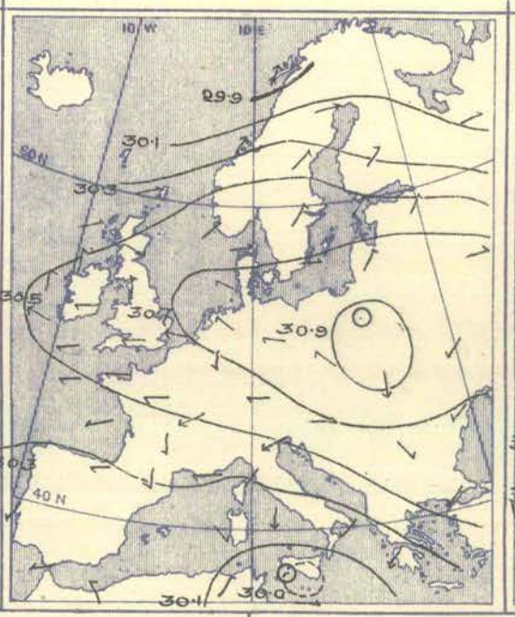
BAROMETER in morning ranging from 30·91 ins. at Moscow to below 30·2 ins. in the south of our area, and to below 30·0 ins. in the far north-west. Relatively high in a long band extending from Central Russia to the south-west of England and the Bay of Biscay. Scarcely any change occurring in the general distribution of pressure during day. Central portion of the anticyclone moving slightly westwards.

Friday, 21st December, 1906.

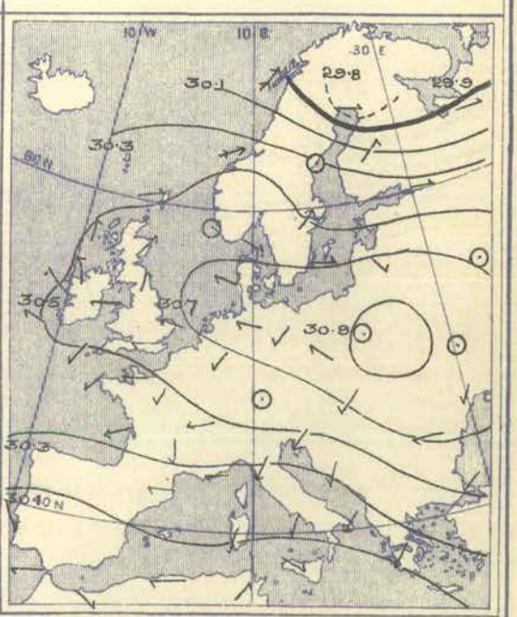
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. cloudy or overcast in almost all parts of our area, with rain in the extreme south-east of Europe, and at Helsingfors and Archangel, passing showers at the Scilly Islands, and snow at Perpignan and Lemberg. As much as 3·3 ins. of rain experienced later at Perpignan and about half an inch at Palermo and on the west coast of Norway.

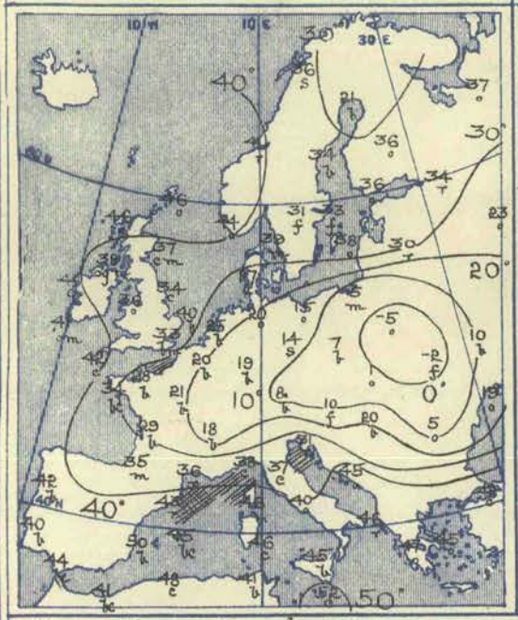
TEMPERATURE fallen generally, risen in the north-east of Europe. Readings in morning below 20° over the central countries and the southern half of Russia and not far above zero in places. Above 40° over the north of Scandinavia, 48° at Christiansund and on our own extreme north-west coasts, and as high as 50° at one or two stations in the far south of our area. Severe frost continuing all day over the central countries, and thermometer only rising to 36° at some of our south coast stations. Maximum 50° at Stornoway and Christiansund, 59° in Algeria, and 61° at San Fernando.

WIND in morning strong to a gale from the south-westward on the Norwegian coast and light or moderate from that quarter over the north and north-west of Europe generally. Light or moderate winds, mainly from some easterly point, prevailing over the southern countries and the Mediterranean. No change of importance later in day. Some increase in force occurring at various stations on the shores of the Mediterranean and Adriatic.

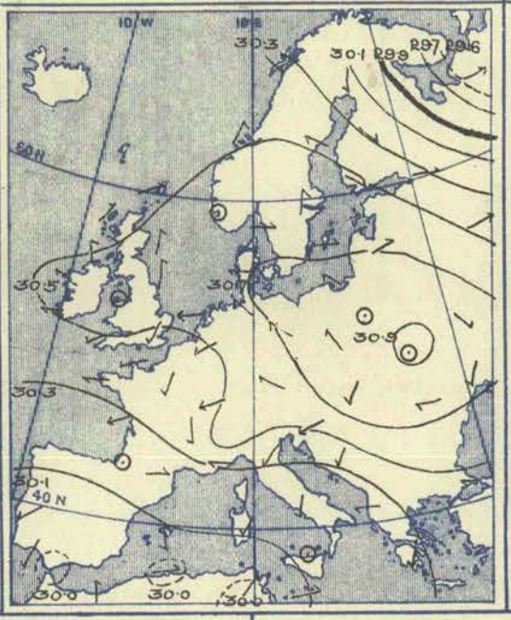
BAROMETER in morning ranging from above 30·9 ins. in an anticyclone having its centre over Poland to about 30·0 ins. over Sicily, and to 29·9 ins. and less in the north of Scandinavia. Very little change taking place within the high pressure area, but barometer falling steadily in the far north of Europe, and gradients increasing considerably over Scandinavia and the northern half of Russia.

Saturday, 22nd December, 1906.

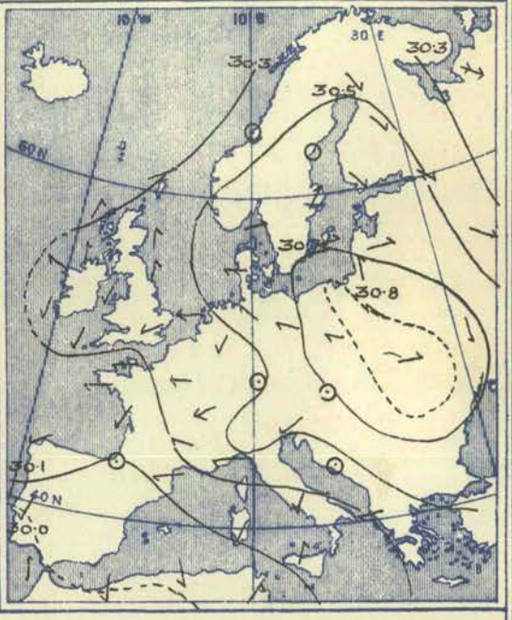
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. varying greatly; bright in the north of Sweden, in several localities of central and southern Europe and over the north-east of France and the Low Countries, overcast generally elsewhere, with rain or snow along the west coast of Norway, snow at Berlin, and rain at St. Petersburg and also at Perpignan and Barcelona. Very heavy rain, 3·6 ins., subsequently falling at Perpignan, and small quantities on our most north-western coasts and on the west coast of Norway.

TEMPERATURE fallen in almost all regions. Readings in morning not much above zero over large tracts of country in central Europe, and as low as 5° at Warsaw, and 2° at Lemberg. Values increasing to 37° at Archangel, 36° at Bodo, 46° in the Shetlands and Hebrides, and to about 50° at some stations on the shores of the Mediterranean. Severe frost continuing all day over central Europe and a considerable portion of France and thermometer not rising to 40° in several parts of England. Minima during night 5° at Munich and below 20° over Germany and the east of France as a whole. Lowest readings in these Islands, 24° at Dungeness and 25° at North Shields.

WIND in morning showing a very extensive anticyclonic movement over the central countries; the South-Westerly current blowing strongly in the north of Russia, and that from the Eastward freshly at some stations in the south of our area. South-Westerly current becoming more pronounced on our north and north-west coasts by evening.

BAROMETER at 8 a.m. ranging from 30·9 ins. and above over Poland to about 30·0 ins. at various places in the far south and to below 29·6 ins. over the White Sea. Western borders of the anticyclone extending to beyond the west of Ireland. Pressure decreasing rather generally during day except in the north of Scandinavia; downward movement only slight as a whole, but brisker over our northern districts than elsewhere.

IV.—TEMPERATURE on the Grass, and in the Ground.

	STATION.	Grass Min. No. of Obs. of 30° or less.	Grass Min. Lowest reading.	Mean Earth Temp. At 1 foot.	Mean Earth Temp. At 4 feet.
			°	°	°
2.	York	—	--	39·4	44·4
	Hull	4	18	38·4	45·0
3.	Cambridge	3	19	—	—
	Dunmow	3	24	—	—
4.	Harrogate	2	25	40·1	42·2
	Sheffield	3	27	39·5	44·6
	Birmingham	3	24	42·4	46·6
	Nottingham	2	25	39·1	42·9
5.	Kew	2	20	39·8	45·7
	Canterbury	5	20	40·0	46·4
	Portsmouth	1	25	43·1	47·6
6.	Glasgow	0	32	—	—
7.	Newton Rigg	5	17	40·2	43·7
	Bettws-y-Coed	1	26	42·1	46·0
	Manchester (Oldham Road)	1	26	39·6	45·1
8.	Llangammarch Wells	1	18	41·9	46·2
	Bath				
	Plymouth				
	Armagh	0	31	43·5	45·9
9.	Markree	1	25	—	—
10.	Dublin, Trin. Coll.	1	27	43·9	46·0
11.	Guernsey, Brooklyn	1	27	45·9	49·4

V.—OBSERVATIONS in the UPPER AIR.—Temperature, Humidity and Wind Velocity.

Date of Observation.	Station and its Height above M.S.L.		Heights in feet above Mean Sea Level. Ground Level.	1,000.	3,320	5,000.	6,650.	8,320.	10,000.	Remarks.
1906. December 21st.	Pyrton Hill, Oxon, 500 ft.	Temperature F.								A kite reached 500 ft. (by rapid winding in), but there was not sufficient wind for an ascent.
		Humidity								
		Wind Velocity, m. per hr.								
December 21st, 12.2 p.m. to 1.5 p.m.	Ditcham Park, Petersfield, 400 ft.	Temperature F.	34°	28°						One 9 ft. kite. 3,760 ft. wire. Max. height, 2,950 ft.; temp. 35°; humidity 40%; wind ESE, 42 m. per hour. Cloud level about 1,450 ft., overcast. Strong inversion at 2,800 ft., 24·5° to 35°.
		Humidity	85%	90%						
		Wind Velocity, m. per hr.	ENE, 20*	E, 32						
December 22nd, 11.47 a.m. to 12.37 p.m.	Ditcham Park, Petersfield, 400 ft.	Temperature F.	31°	29°	[33°]					One 7 ft. kite. 3,900 ft. wire. Max. height, 3,100 ft. Inversion from 29° at 1,600 ft. to 34° at 2,450 ft. A very thin and transparent layer of cloud with occasional scud just below inversion surface.
		Humidity	90%	90%	[20%]					
		Wind Velocity, m. per hr.	NE, 25*	NE, 32	[E by N, 30]					
December 22nd, 9.50 a.m. to 1.15 p.m.	Pyrton Hill, Oxon, 500 ft.	Temperature F.	31°	26°	30°?	25°				One kite, 77 sq. ft.; 7,000 ft. wire. Max. height, 5,600 ft. Light clouds at 1,000 ft. at 10.10, clear later. Inversion, 32° to 26° at 1,800 ft. Extremely dry above 2,000 ft. The paper was warped, and did not turn properly, but the temperature between 1,800 and 5,600 ft. lay, between 32° and 26°.
		Humidity	90%	60%	20%?	20%?				
		Wind Velocity, m. per hr.	NE, 15	ENE, 40	E by N, 40	NE by E, 42				
December 22nd, 10.55 a.m. to 11.55 a.m.	Brighton, 380 ft.	Temperature F.	32°	32°						One kite, 55 sq. ft.; 3,000 ft. wire. Clear sky Trace somewhat indistinct, but signs of an inversion at about 1,500 ft.
		Humidity	85%	30%						
		Wind Velocity, m. per hr.	NE, 25†	E by N, 32						
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.								
		Temperature F.								
		Humidity								
		Wind Velocity, m. per hr.	* At about 280 ft. above ground. † Estimated.							

63, Victoria Street, London, S.W. *December 26th, 1906.*

W. N. SHAW, *Director.*

WEEKLY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE,

AND PUBLISHED FOR H.M. STATIONERY OFFICE BY WYMAN AND SONS, LTD., FETTER LANE, E.C., AND 32, ABINGDON STREET, WESTMINSTER, S.W.; OR OLIVER AND BOYD, EDINBURGH; OR E. PONSONBY, 116, GRAFTON STREET DUBLIN.

TWENTY-NINTH YEAR. Vol XXIII. (New Series.) } No. 52. FIFTY-SECOND WEEK, ENDING SATURDAY, DECEMBER 29TH, 1906.

[Price 6d. Annual Subscription post paid £1 10s. 0d.

I.—GENERAL REMARKS.

Weather.—Soon after the commencement of the week, the condition became rough and cold throughout the whole Kingdom. Snow was very general on the night of the 25th to 26th, and further falls were experienced occasionally later in the week. Thunderstorms occurred in many parts of the Kingdom, mostly during the snow storm of Wednesday, and in some localities lightning only was observed.

Temperature was much below the average, the deficit ranging from 5·1° in the English Channel to 8·1° in England E. The highest of the maxima were recorded on the 23rd or 24th, and varied from 51° in Ireland S., and 50° in England S.W. to 43° in England E. The lowest of the minima, which were recorded towards the end of the week, were extremely low. In Ireland N. (at Markree Castle) the thermometer fell to 8°, in Scotland E. (at Balmoral) to 9°, and in many other places to between 11° and 14°. At Swarraton (England S.) the minimum of Friday was as low as 3°·4. Frost continued throughout several of the afternoons in the north and east; at Wick on Saturday the maximum was only 24°.

Rainfall exceeded the average in most districts, the greater part of the precipitation being composed of sleet or snow.

Bright Sunshine exceeded the average over England, but was deficient in Ireland and some parts of Scotland. The percentage of the possible duration ranged from 29 in England N.E., 26 in the Midland Counties, to 8 in Ireland N., and to 4 in Scotland N.

Barometer and Wind.—During the early days of the week the barometer was lowest in the far north and the winds over our Islands came from the Westward. By Tuesday, however, a depression which had arrived over the south of Norway caused the wind to become North-Westerly over the United Kingdom and to increase somewhat in force. This disturbance, after remaining stationary for some time, subsequently travelled down the North Sea and was one of the chief factors in the weather over our Islands for the remainder of the week. Much of the snow over England, however, was due to a small pressure minimum which moved suddenly from the north of Ireland to the extreme south-east of England on the night of Tuesday. The Northerly and North-Westerly winds, which were general after Tuesday, blew very strongly at times on most coasts, but their greatest force was exerted on our northern and north-western coasts. At Malin Head a gale which set in on Wednesday continued until Friday night.

SUMMARY OF TEMPERATURE, RAINFALL, AND DURATION OF BRIGHT SUNSHINE IN THE UNITED KINGDOM, FOR AGRICULTURAL AND SANITARY PURPOSES.

THE WEEK (52nd)—December 23rd to December 29th, 1906.

DISTRICTS. (See p. 308.)	Temperature. Highest.	Lowest.	Means of: Daily Max.	Daily Min.	Daily Mean.	Difference from Av. (35 Yrs.)	Accumulated. Number of Day-Degrees. Above 42°	Difference from Av. (25 Yrs.)	Below 42°	Difference from Av. (25 Yrs.)	Rainfall. Number of Rain-Days.	Diff. from Av. (35 Yrs.)	Total Fall.	Difference from Average (35 Yrs.)	Sunshine. Hours recorded.	Diff. from Av. (25 Yrs.)	Percentage of Possible Duration.	Diff. from Av. (25 Yrs.)
	°	°	°	°	°	°	Day-deg.	Day-deg.	Day-deg	Day-deg.			Inches.	Inches.			%	%
0. SCOTLAND, NORTH	46	11	34·3	26·1	30·4	− 7·7	0	− 8	81	+ 50	6	+ 1	1·02	− 0·35	2	− 4	4	− 8
1. SCOTLAND, EAST	45	9	34·8	26·0	30·6	− 6·5	0	− 8	80	+ 42	4	0	0·86	+0·22	7	+ 1	16	+ 1
2. ENGLAND, N.E.	44	17	36·8	26·3	31·8	− 6·4	0	− 9	71	+ 39	5	+ 1	0·98	+0·52	15	+ 8	29	+16
3. ENGLAND, EAST	43	14	36·0	24·2	30·3	− 8·1	0	− 9	82	+ 46	5	+ 1	0·76	+0·34	10	+ 1	18	+ 1
4. MIDLAND COUNTIES	46	14	36·8	25·5	31·4	− 6·9	0	− 10	74	+ 36	4	0	0·56	+0·04	13	+ 5	26	+10
5. ENGLAND, SOUTH	49	3	37·1	26·4	32·0	− 7·7	0	− 14	70	+ 43	7	+ 3	0·57	0·00	10	+ 1	19	+ 2
6. SCOTLAND, WEST	47	15	36·8	27·1	32·1	− 7·4	0	− 12	69	+ 44	5	+ 1	0·86	− 0·33	7	+ 1	15	+ 1
7. ENGLAND, N.W.	47	14	37·8	27·9	33·0	− 6·7	0	− 11	63	+ 37	6	+ 2	0·64	+0·14	12	+ 7	24	+13
8. ENGLAND, S.W.	50	13	40·1	29·3	34·9	− 6·1	0	− 18	50	+ 31	5	+ 1	1·02	+0·07	14	+ 4	25	+ 8
9. IRELAND, NORTH	49	8	38·0	30·1	34·2	− 6·3	0	− 14	55	+ 33	6	+ 1	1·04	+0·21	4	− 4	9	− 8
10. IRELAND, SOUTH	51	11	40·1	31·1	35·8	− 6·6	0	− 21	43	+ 25	6	+ 1	0·69	− 0·31	8	− 4	15	− 8
11. ENGLISH CHANNEL	49	28	41·1	35·7	40·0	− 5·1	6	− 23	24	+ 18	6	+ 1	1·20	+0·31	14	+ 2	25	+ 3

THE SEASON (Winter).—Aggregates, &c., for the Period of 4 Weeks, December 2nd to December 29th, 1906.

0. SCOTLAND NORTH	58	11	*	*	*	*	54	+ 18	159	+ 46	24	+ 4	5·47	− 0·01	9	− 12	5	− 7
1. SCOTLAND, EAST	58	9	*	*	*	*	55	+ 22	168	+ 34	16	− 1	2·19	− 0·49	31	+ 3	17	+ 1
2. ENGLAND, N.E.	56	17	*	*	*	*	32	− 9	160	+ 50	17	+ 3	2·10	+0·13	42	+ 11	21	+ 5
3. ENGLAND, EAST	56	14	*	*	*	*	30†	− 12	171†	+ 45	16	+ 1	1·96†	+0·12	46†	+ 8	22	+ 4
4. MIDLAND COUNTIES	57	14	*	*	*	*	36	− 11	152	+ 18	16	+ 1	2·04	− 0·07	44	+ 12	21	+ 6
5. ENGLAND, SOUTH	56	3	*	*	*	*	34	− 35	136	+ 44	17	+ 3	1·64	− 0·76	51	+ 11	24	+ 5
6. SCOTLAND, WEST	54	15	*	*	*	*	51	− 3	128	+ 41	19	+ 2	4·44	− 0·49	31	+ 4	16	+ 2
7. ENGLAND, N.W.	57	14	*	*	*	*	45	− 10	111	+ 22	19	+ 3	3·25	+0·29	35	+ 9	17	+ 5
8. ENGLAND, S.W.	56	13	*	*	*	*	52†	− 32	93	+ 26	16	− 1	3·01†	− 0·85	46	+ 6	21	+ 3
9. IRELAND, NORTH	56	8	*	*	*	*	61	− 1	88	+ 9	20	0	3·47	+0·04	34	0	17	0
10. IRELAND, SOUTH	57	11	*	*	*	*	76	− 18	72	+ 6	19	+ 1	2·62	− 1·42	39	− 6	18	− 3
11. ENGLISH CHANNEL	56	28	*	*	*	*	97	− 36	25	+ 7	21	+ 2	2·93	− 0·80	45	− 4	20	− 2

THE YEAR.—Aggregates, &c., for the period of 52 Weeks, December 31st, 1905, to December 29th, 1906.

0. SCOTLAND, NORTH	89	8	*	*	*	*	2112	+ 69	868	+ 87	262	+30	55·20	+4·41	1172	+ 39	27	+ 1
1. SCOTLAND, EAST	88	9	*	*	*	*	2463	+141	874	− 3	212	+15	35·39	+3·73	1443	+128	33	+ 3
2. ENGLAND, N.E.	94	17	*	*	*	*	3020	+420	650	− 27	188	+11	24·63	− 0·77	1601	+131	36	+ 3
3. ENGLAND, EAST	93	14	*	*	*	*	3391†	+380	590†	−159	165	− 9	24·17	− 0·15	1811†	+259	41	+ 6
4. MIDLAND COUNTIES	96	14	*	*	*	*	3227	+295	690	−101	183	+ 7	25·28	− 2·13	1557	+204	35	+ 5
5. ENGLAND, SOUTH	92	3	*	*	*	*	3429	+123	497	− 52	177	+ 5	27·82	− 0·19	1863	+264	42	+ 6
6. SCOTLAND, WEST	89	14	*	*	*	*	2687	+140	582	− 7	216	+11	48·27	− 0·91	1436	+ 92	33	+ 2
7. ENGLAND, N.W.	90	14	*	*	*	*	2948	+125	522	− 18	208	+16	37·10	+2·50	1516	+162	24	+ 4
8. ENGLAND, S.W.	88	13	*	*	*	*	3228†	+ 51	449	+ 57	203	+12	40·64†	+1·39	1714	+174	39	+ 4
9. IRELAND, NORTH	84	8	*	*	*	*	2720	+ 1	488	− 16	254	+23	38·09	+0·68	1355	+ 85	31	+ 2
10. IRELAND, SOUTH	81	11	*	*	*	*	3277	+130	368	− 17	234	+27	35·36	− 5·99	1496	+ 26	34	+ 1
11. ENGLISH CHANNEL	89	27	*	*	*	*	3883	+ 67	164	− 34	199	− 3	29·55	− 5·27	1944	+ 80	44	+ 2

† Corresponding values for last week altered owing to receipt of further information.

Bright Sunshine.—For certain of the Districts the values of Bright Sunshine in this Table are based on the records from a part only of the Stations included in Table II. For certain of the Stations Mean Values are not available, and for the Districts containing these Stations the "Difference from Average" is based on the records from a smaller number of Stations than those supplying the values for "Hours Recorded."

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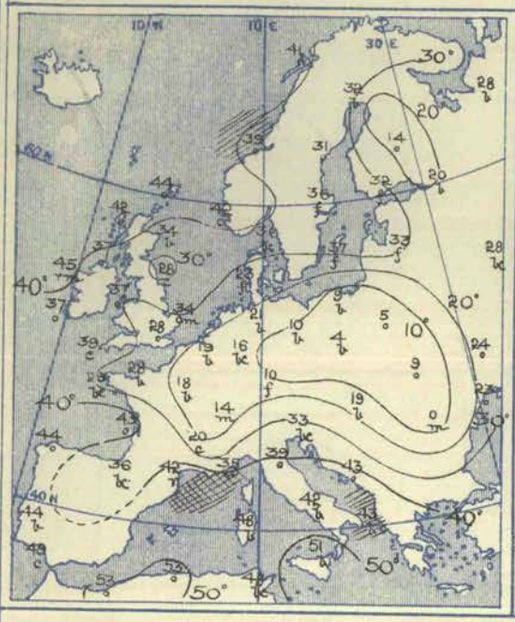
December 23-29, 1906. Districts.	Names of Stations.	Temperature. In Degrees Fahrenheit. Highest observed.	Lowest observed.	Mean for the Week. Of Highest each day.	Of Lowest each day.	For whole of each day.	Difference of Daily Average from Mean for the Week.	Accumulated Heat for the Week (in Day-degrees). Above 42°	Below 42°	Rainfall. Number of Rain-Days.	Rainfall in the Week.	Difference from the Mean for the Week.	Bright Sunshine. Number of Hours recorded.	Difference from the Mean for the Week.	Percentage of possible duration.	Difference from the Mean for the Week.
		°	°	°	°	°	°	Day-deg	Day-deg		Inches.	Inches.	Hrs.	Hrs.	%	%
0. SCOTLAND, N.	†Sumburgh Head (Deerness)	46	22	36·0	29·1	32·7	− 6·7	0	65	7	1·91	+ 0·90	1·7	− 4·3	4	− 10
	Wick	44	20	34·6	27·6	31·2	− 7·2	0	76	7	0·84	+ 0·19	*	*	*	*
	†Lairg (Strathpeffer) S	43	17	32·1	22·0	27·3	− 7·9	0	103	?5	? 0·79	− 0·04	2·2	− 4·4	5	− 10
	Stornoway	44	24	33·4	29·0	31·3	− 7·8	0	75	6	0·88	− 0·40	1·5	− 4·1	4	− 10
	Glencarron S	43	14	33·6	24·0	29·0	− 7·9	0	91	6	1·11	− 1·26	*	*	*	*
	Fort Augustus S	42	11	35·3	24·5	30·1	− 8·0	0	83	6	0·67	− 0·64	0·9	− 1·9	2	− 4
	Fort William S	45	13	35·1	26·3	30·9	− 8·3	0	78	5	0·96	− 1·23	*	*	*	*
1. SCOTLAND, E.	Nairn	43	22	35·1	27·3	31·4	− 6·2	0	74	5	0·40	− 0·65	3·2	—	7	—
	Aberdeen	40	22	34·6	27·7	31·3	− 6·5	0	75	5	1·83	+ 1·20	7·7	− 1·1	17	− 3
	†Balmoral (Crathes) S	40	9	31·6	22·6	27·3	− 7·2	0	103	5	1·66	+ 0·95	6·1	—	13	—
	†Clathick (Balruddery) S	44	17	36·0	25·8	31·1	− 5·9	0	76	3	‡ ?	?	10·0	—	21	—
	†Leith (Edinburgh) S	45	25	36·6	29·4	33·1	− 6·0	0	62	3	0·32	− 0·11	6·0	+ 0·9	13	+ 2
	Marchmont S	41	16	35·0	23·3	29·4	− 7·3	0	88	2	0·10	− 0·53	9·9	+ 1·3	21	+ 3
2. ENGLAND, N.E. Northern part.	†Alnwick Castle (Cockle Park)	44	21	37·4	24·9	31·4	− 6·8	0	74	3	2·03	+ 1·41	20·2	—	42	—
	†Shields (Newcastle)	? 44	23	36·0	25·9	31·2	− 7·6	0	76	5	1·45	+ 1·00	10·8	+ 5·2	22	+ 11
	Durham	43	20	35·3	25·1	30·4	− 7·1	0	81	4	0·81	+ 0·32	14·9	+ 5·4	30	+ 11
	Scarborough M	42	25	40·6	27·7	34·4	− 4·5	0	53	5	1·11	+ 0·63	14·6	—	29	—
	York	43	22	37·0	26·7	32·1	− 6·0	0	69	5	0·56	+ 0·12	15·8	+ 10·1	32	+ 20
Southern part.	†Spurn Head (Saltburn)	42	26	37·6	29·9	33·9	− 5·3	0	57	5	0·41	− 0·01	11·9	—	24	—
	†Lincoln (Skegness)	43	18	35·8	25·0	30·6	− 6·8	0	80	5	0·66	+ 0·25	13·5	—	27	—
	†Fulbeck (Rauceby)	42	17	34·5	25·5	30·2	− 6·7	0	83	6	0·81	+ 0·41	12·1	—	23	—
	(Cromer)												6·6	—	13	—
Northern part.	Hillington M	43	14	37·3	20·0	29·0	− 8·4	0	91	5	1·00	+ 0·53	13·3	+ 3·8	26	+ 7
	†Yarmouth (Lowestoft)	37	18	35·0	26·9	31·1	− 7·0	0	76	5	1·16	+ 0·72	10·2	—	20	—
	Geldeston	42	14	36·4	21·4	29·2	− 9·3	0	90	6	1·03	+ 0·63	11·2	+ 0·2	22	0
	(Dunmow)												9·2	—	17	—
3. ENGLAND, E.	Cambridge	43	15	37·7	21·6	30·0	− 7·8	0	84	5	0·60	+ 0·24	8·3	− 1·2	16	− 2
	Felixstowe	40	20	34·9	26·0	30·6	− 8·1	0	80	4	0·58	—	10·5	—	20	—
	Clacton-on-Sea	41	18	34·7	25·9	30·5	− 8·1	0	81	5	0·33	—	10·7	—	20	—
Southern part.	Rothamsted	43	17	35·1	24·4	30·0	− 7·7	0	84	6	0·76	+ 0·23	10·6	+ 0·9	20	+ 2
	†Shoeburyness (Southend)	42	20	36·9	24·7	31·0	− 8·3	0	77	4	0·95	+ 0·61	12·5	—	24	—
	London, Westminster	43	23	35·7	26·9	31·5	− 8·1	0	74	6	0·47	+ 0·04	2·4	− 0·9	5	− 2
4. MIDLAND COUNTIES. Eastern part.	Harrogate	43	19	35·7	25·4	30·8	− 6·6	0	78	5	0·68	+ 0·15	20·5	—	41	—
	†Bawtry (Worksop)	45	15	36·9	22·6	30·0	− 7·7	0	84	5	0·50	+ 0·07	13·5	+ 6·4	27	+ 13
	Nottingham	45	16	37·0	26·7	32·1	− 5·8	0	69	5	0·62	+ 0·16	5·6	—	11	—
	†Colly Weston (Oundle)	43	16	35·0	24·3	29·9	− 7·4	0	85	3	0·69	+ 0·26		—		—
	Birmingham, Edgbaston	44	21	36·0	25·5	31·0	− 7·3	0	77	3	0·69	+ 0·19	6·2	—	12	—
	Oxford	44	22	36·0	26·1	31·3	− 7·5	0	75	5	0·52	+ 0·07	13·9	+ 4·4	26	+ 8
Western part.	†Cheadle (Sheffield) M	40	20	34·3	25·9	30·3	− 6·6	0	82	6	0·71	+ 0·07	15·5	—	30	—
	Shrewsbury	46	20	41·5	27·2	34·6	− 5·6	0	52	3	0·36	—	*	*	*	*
	Hereford M	45	22	37·4	26·3	32·1	− 6·7	0	69	3	0·43	− 0·11	*	*	*	*
	Cirencester	45	14	35·9	23·3	29·9	− 7·9	0	85	4	0·48	− 0·12	13·5	+ 4·4	26	+ 8
	Bath	46	23	39·1	27·6	33·6	− 6·8	0	59	4	0·45	− 0·19	17·9	—	34	—
	(Margate)												10·8	+ 0·5	29	+ 1
5. ENGLAND, S.	Kew	43	23	36·3	25·7	31·2	− 8·0	0	76	5	0·48	+ 0·06	8·5	0·0	16	0
	Wisley, Surrey	43	22	35·4	27·0	31·4	− 7·6	0	74	6	0·35	—	8·6	—	16	—
	†Swarraton (Ventnor) M	44	3	35·2	22·7	29·2	− 8·7	0	90	4	0·86	+ 0·19	14·4	+ 3·0	26	+ 6
	Tunbridge Wells M	41	18	33·8	24·3	29·0	− 9·2	0	91	5	0·89	+ 0·28	5·2	− 4·5	10	− 8
	†Dungeness (Littlestone)	41	21	36·1	24·4	30·5	−10·1	0	81	4	0·46	− 0·01	8·3	—	15	—
	Hastings	42	23	36·7	25·4	31·3	− 9·1	0	75	5	0·54	− 0·07	10·0	− 2·9	19	− 5
	Southampton	46	26	40·0	27·5	34·0	− 6·0	0	56	4	0·61	− 0·05	13·6	+ 2·7	25	+ 5
	†Portland Bill (Worthing)	49	31	43·7	34·3	39·2	− 2·5	5	30	2	0·34	—	9·1	—	17	—
	(Eastbourne)												14·2	+ 2·2	26	+ 4
6. SCOTLAND, W.	†Laudale (Oban)	47	15	36·7	25·7	31·4	− 9·2	0	74	5	1·82	− 0·24	6·3	—	13	—
	Glasgow	44	22	37·3	28·7	33·2	− 5·4	0	62	5	0·29	− 0·58	2·9	− 1·1	6	− 2
	Dumfries S	44	17	33·4	25·5	29·6	− 9·1	0	87	6	0·42	− 0·52	*	*	*	*
	Cally S	44	16	37·7	25·4	31·8	− 6·7	0	71	4	0·92	− 0·21	*	*	*	*
	Douglas, Isle of Man	46	24	38·8	30 3	34·7	− 6·7	0	51	5	0·87	− 0·12	11·9	+ 2·3	24	+ 5
7. ENGLAND, N.W.	Aspatria	43	14	35·4	23·3	29·6	− 8·1	0	87	6	0·54	− 0·23	12·2	—	25	—
	Newton Rigg	42	14	33·2	22·5	28·1	− 8·8	0	97	7	0·74	− 0·08	19·9	+ 11·9	41	+ 24
	Stonyhurst	44	23	36·8	26·9	32·1	− 6·1	0	69	7	1·39	+ 0·44	12·7	+ 6·4	25	+ 13
	Blackpool M	46	28	38·3	29·5	34·1	− 4·7	0	55	5	0·43	− 0·23	16·1	+ 9·3	32	+ 18
	Manchester, Prestwich	44	20	37·5	26·7	32·3	− 6·1	0	68	5	1·02	+ 0·28	10·8	+ 7·0	21	+ 14
	†Liverpool Obs. (Hoylake)	45	26	38·4	28·7	33·7	− 6·4	0	58	4	0·45	− 0·08	13·3	—	26	—
	†Hawarden Bridge (Southport)	46	21	36·9	26·1	31·7	− 9·0	0	72	4	0·32	− 0·13	15·4	—	30	—
NORTH WALES	Llandudno M	45	28	41·1	32·1	36·8	− 5·0	0	36	7	0·55	− 0·08	7·3	− 1·8	14	− 4
	†Holyhead (Aberdovey)	47	30	40·9	33·1	37·2	− 5·5	0	34	7	1·35	+ 0·58	9·4	—	18	—
	Bettws-y-Coed	46	25	39·3	29·6	34·6	− 7·2	0	52	7	1·64	—	7·1	—	14	—
8. SOUTH WALES	Llangammarch Wells	44	13	37·1	23·6	30·6	− 8·3	0	80	7	1·08	—	7·9	—	15	—
	Pembroke	50	29	43·4	33·1	38·5	− 5·2	4	34	6	2·24	+ 1·38	10·6	+ 0·3	20	+ 1
	†Cardiff (Aberystwyth)	46	25	39·4	27·9	33·9	− 6·6	0	57	4	0·42	− 0·57	11·5	—	22	—
ENGLAND, S.W.	†Clifton (Torquay)	46	27	39·2	29·6	34·6	− 5·9	0	52	5	0·33	− 0·40	19·5	+ 6·7	36	+ 12
	†Shaftesbury (Marlborough) M	43	24	36·1	27·3	31·9	− 6·7	0	71	3	0·26	− 0·41	11·7	+ 3·4	22	+ 6
	†Arlington (Newquay)	47	26	40·4	29·9	35·4	− 4·8	0	46	6	0·97	− 0·36	15·6	+ 4·3	28	+ 8
	Cullompton M	48	26	41·0	29·2	35·3	− 4·0	0	47	4	0·65	− 0·19	21·1	+ 12·2	39	+ 23
	Plymouth	49	26	41·6	30·5	36·3	− 6·5	0	40	7	1·28	+ 0·34	13·9	+ 2·8	25	+ 5
	Falmouth	50	30	42·6	32·8	37·9	− 6·5	2	34	7	1·96	+ 0·70	15·0	+ 2·4	27	+ 4
9. IRELAND, N. Western part.	Malin Head	47	28	38·9	31·7	35·4	− 6·3	0	46	7	0·58	− 0·10	*	*	*	*
	Edenfel	47	18	35·4	27·4	31·6	− 6·4	0	73	5	0·71	− 0·14	*	*	*	*
	Blacksod Point	49	25	41·4	34·6	38·1	− 5·0	0	27	7	1·82	+ 0·56	*	*	*	*
	Markree Castle	48	8	37·3	27·6	32·6	− 7·0	0	66	7	2·08	+ 1·14	2·3	− 5·7	5	− 11
Eastern part.	Armagh	46	19	36·4	28·2	32·5	− 7·0	0	67	6	0·65	+ 0·02	6·4	− 2·6	13	− 5
	Donaghadee	46	29	38·4	31·3	35·0	− 6·3	0	49	5	0·39	− 0·24	*	*	*	*
10. IRELAND, S. Eastern part.	†Dublin, City (Phœnix Park)	47	25	38·8	30·3	34·7	− 7·1	3	51	5	0·41	− 0·09	6·6	− 5·4	13	− 11
	Kilkenny	48	14	37·1	27·9	32·7	− 8·2	0	65	5	0·57	− 0·13	*	*	*	*
	Waterford	48	20	39·1	30·7	35·1	− 6·4	0	48	3	0·32	− 0·65	*	*	*	*
Western part.	Birr Castle	48	11	38·3	27·7	33·2	− 6·7	0	62	6	0·61	− 0·06	8·4	− 1·5	16	− 3
	Foynes	49	24	41·0	33·4	37·4	− 4·5	0	32	7	0·87	− 0·08	*	*	*	*
	Killarney	49	17	40·8	30·6	35·9	− 7·6	0	43	7	1·08	− 0·48	*	*	*	*
	Valencia	51	25	43·7	33·6	38·9	− 6·5	5	32	7	1·38	0·00	4·1	− 5·6	8	− 11
	†Roches Point (Ballinacurra)	50	28	41·9	34·6	38·4	− 5·7	0	25	5	0·26	− 0·91	12·4	—	23	—
11 ENGLISH CHANNEL	Scilly, St. Mary's	49	34	44·3	38·3	41·4	− 5·	6	15	6	0·77	− 0·18	6·1	− 5·3	11	− 10
	†Jersey, St. Aubins (St. Heliers)	48	28	44·0	33·4	38·9	− 4·8	6	33	6	1·56	+ 0·74	17·5	+ 3·5	31	+ 6
	Guernsey	49	31	44·0	35·3	39·8	− 4·8	6	26	5	1·27	+ 0·33	17·5	+ 7·2	31	+ 13

Information for Stations marked M is supplied by the Royal Meteorological Society, and that for Stations marked S is supplied by the Scottish Meteorological Society.
* An Asterisk is inserted in all places for which the information is not usually given.
† There is no Sunshine Recorder in use at this Station. The figures entered for Sunshine are those recorded at a Station in the same district of which the name is given in brackets.
‡ Heavy snowfall amounts not measureable on account of gale.

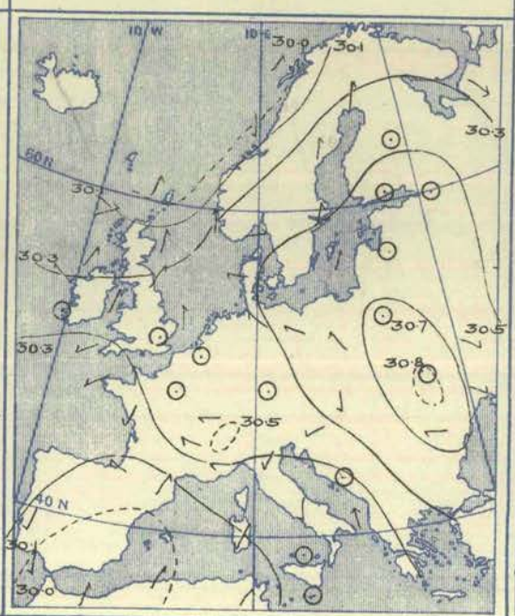
Additional Sunshine Totals for the week: Ramsgate, 12·2 hrs., 23 %; Brighton, 9·3 hrs. (− 2·0), 17% (4%); Bournemouth, 20·8 hrs., 39 % Bognor, 14·5 hrs., 27 %; Rhyl, 13·7 hrs., 27 %; Tenby, 10·5 hrs. (− 0·5), 20 % (− 1 %).

Sunday, 23rd December, 1906.

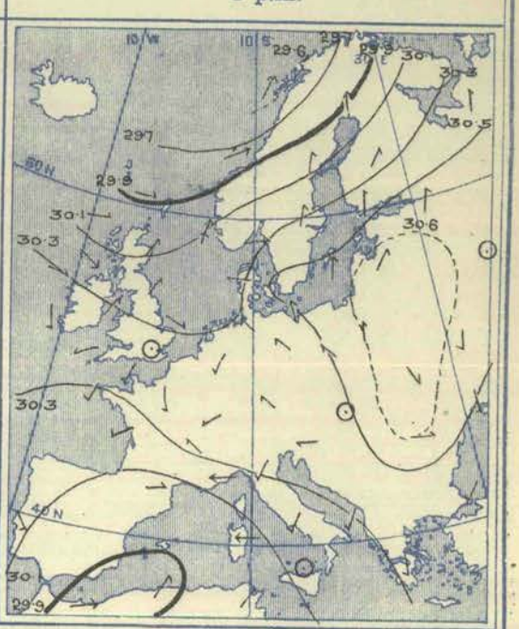
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fair or fine and bright over Italy and Portugal, and in a few localities elsewhere, but cloudy or overcast as a whole, with rain in the Riviera and at Bodö, and fog at some stations in central Europe and on the shores of the Baltic. Some rain falling later on our north and north-west coasts, rain or snow in various parts of Scandinavia, and heavy rain in Algeria and Tunis.

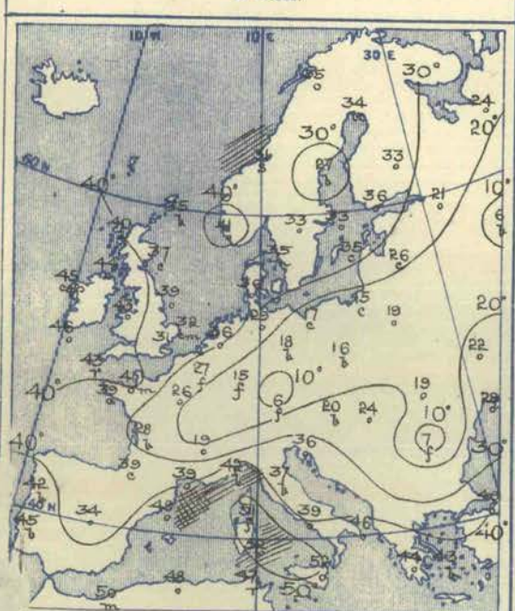
TEMPERATURE risen in the extreme south of our area, at some central stations, and also in the north of Scandinavia, fallen generally elsewhere. Readings in morning ranging from about zero over the more eastern countries of central Europe to below 30° over central England, to 41° at Bodö, and to above 50° at a few stations in the far south of our area. Severe frost continuing all day throughout the central regions as well as over the Low Countries, the east and north-east of France, and at Dungeness and in London. Maxima about 60° in Algeria and at Palermo and above 50° in the south of Italy and at Patras.

WIND in morning generally South-Westerly or Westerly over the northern parts of the Continent and over the north of these Islands; mainly Easterly or North-Easterly over the Mediterranean region. Very strong at Cape Sicié and fresh at Brindisi, but moderate or light as a whole. A complete anticyclonic circulation prevailing over the eastern half of the Continent. Westerly current spreading further over this country during day and a South-Westerly gale setting in on the south-west coast of Norway; little change otherwise.

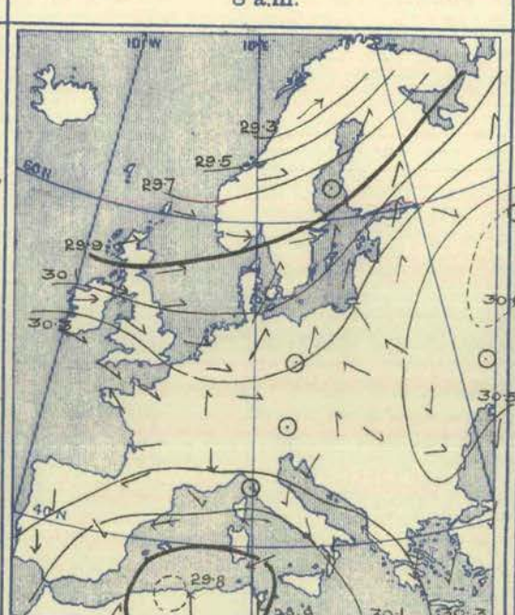
BAROMETER at 8 a.m. above 30·8 ins. in a large anticyclone having its centre over Transylvania. Below 30·0 ins. over Morocco and its neighbourhood, and also to the northward of Scotland. Relatively high over England and Ireland in a band extending from the anticyclone. A decrease of pressure taking place later over the greater portion of our area, but a rise of the barometer occurring over France and the south-west of our Islands. A large depression moving eastwards between Iceland and Norway.

Monday, 24th December, 1906.

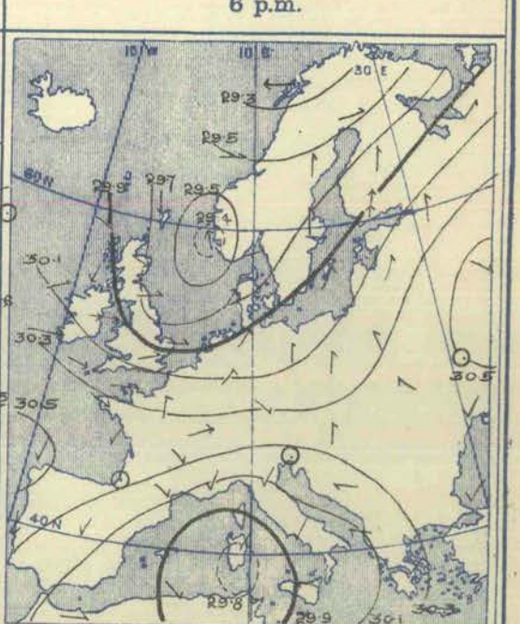
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine and bright in Portugal and in a few scattered localities elsewhere; cloudy or overcast as a whole, with rain or passing showers at Blacksod Point, Scilly, Cagliari, and La Calle. Dry in nearly all other regions, but snow falling at Christiansund. Very heavy rain experienced later over Algeria and considerable amounts in some of the Mediterranean Islands. Rain in small quantities falling over this country, and rain or snow over Germany, the Low Countries, Denmark, and Scandinavia.

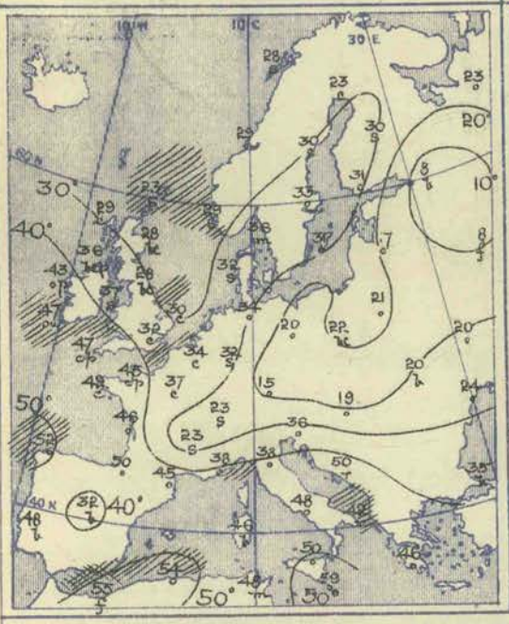
TEMPERATURE in morning higher than at the same hour on the preceding day over England and Ireland and the nearer countries of the Continent, and also in Finland. Readings ranging from about 50° at some extreme southern localities to below 32° in the south-east of England and over the major portion of the Continent, to below 20° over the central regions, and to 6° at Munich and Moscow. Frost suffering no interruption over the east of France and central Europe, but maxima during day above 40° at almost all our own stations, 50° in the south of Italy, and 60° at Malta. Sharp frost again at night in most parts of our Islands.

WIND in morning Westerly over the United Kingdom, the north of France, and north-western Europe generally; fresh on some of our own coasts and strong on the coast of Norway. An anticyclonic movement of little force prevailing over Russia, and a cyclonic circulation over the western portion of the Mediterranean. Easterly current blowing strongly in places and with the force of a gale at Barcelona. Increasing to a gale from the Westward at Holyhead by evening and to a strong breeze on other parts of our coasts. A distinct cyclonic circulation setting in over the North Sea and its vicinity.

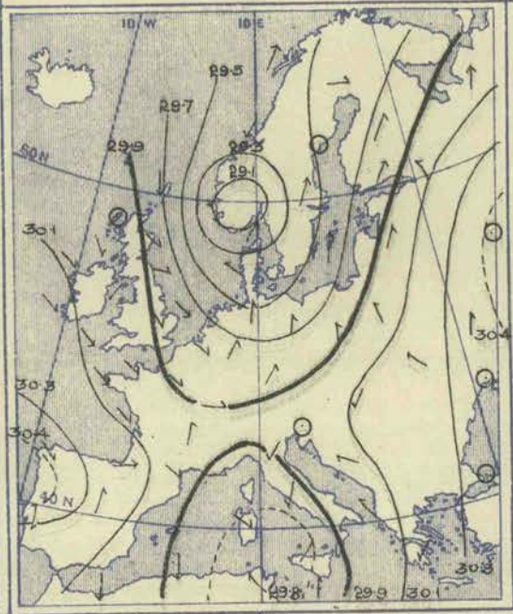
BAROMETER in morning above 30·6 ins. over a considerable portion of Russia, below 29·8 ins. in a depression having its centre near Algiers, and below 29·3 ins. over the north-west of Norway. A secondary depression shown to the northward of the Hebrides. Last mentioned system apparently travelling eastwards later and at the same time increasing greatly in depth. Barometer rising briskly in the Hebrides, but falling very quickly over the east and south-east of Great Britain. Gradients increasing over our Islands and their neighbourhood.

Tuesday, 25th December, 1906.

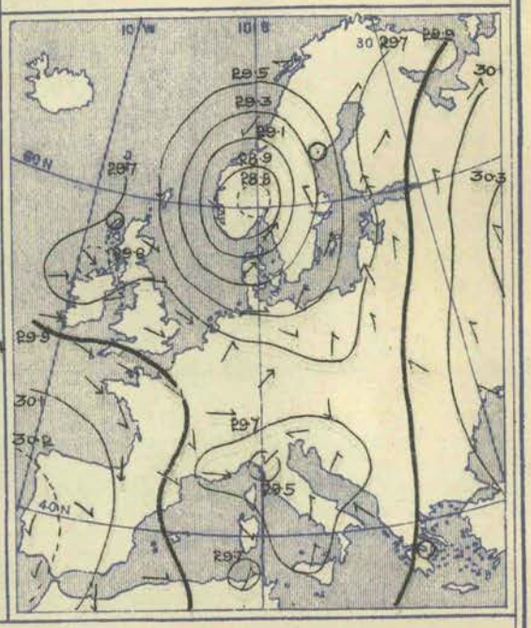
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fine over a considerable part of the Spanish Peninsula, but overcast and very unsettled as a whole, with rain in some southern regions, and snow in various parts of northern and central Europe and at Liverpool, and showers in Ireland and at Scilly. Snow falling at night over nearly the whole of these Islands and over the northern half of the Continent, and rain experienced very generally in the south. Snow measurements between two and three tenths of an inch at most of our own stations.

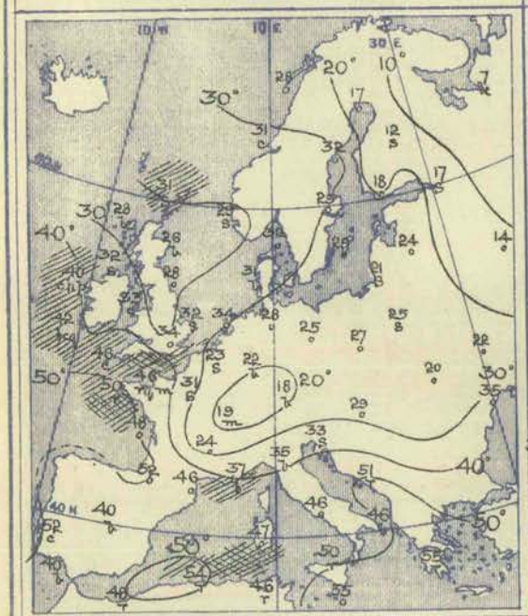
TEMPERATURE risen over France and Germany, fallen generally. Readings in morning below 32° over nearly the whole of Great Britain, below 20° at many stations on the Continent, and as low as 8° at Moscow. Thermometer above 50° at a few places in the far south, and as high as 59° at Malta. Maxima during day below 32° over Scotland and the north-east of England, as well as over central and eastern Europe. Thermometer rising to 40° at Paris, to about 50° at stations in southern Europe, and to nearly 60° in Algeria.

WIND in morning showing a very extensive cyclonic circulation around the south of Norway. Moderate or fresh in most places, but strong to gale over Denmark and the south-west of Norway. Moderate to strong winds from some Northerly point prevailing over the Mediterranean. Increasing in force from various directions later over northern Europe, and from the Westward or North-Westward over this country.

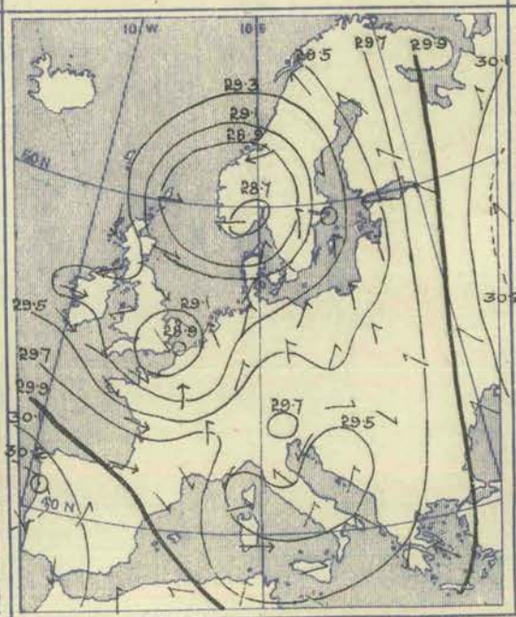
BAROMETER at 8 a.m. above 30·4 ins. both over Portugal and the east of Russia. Below 29·8 ins. in a depression over the Mediterranean, and below 29·1 ins. in another system centred over the south of Norway. Both disturbances growing deeper during day, and a secondary appearing over the extreme north of Ireland. Gradients becoming extremely steep over the North Sea, Denmark, and Norway, and increasing over the Continent generally.

Wednesday, 26th December, 1906.

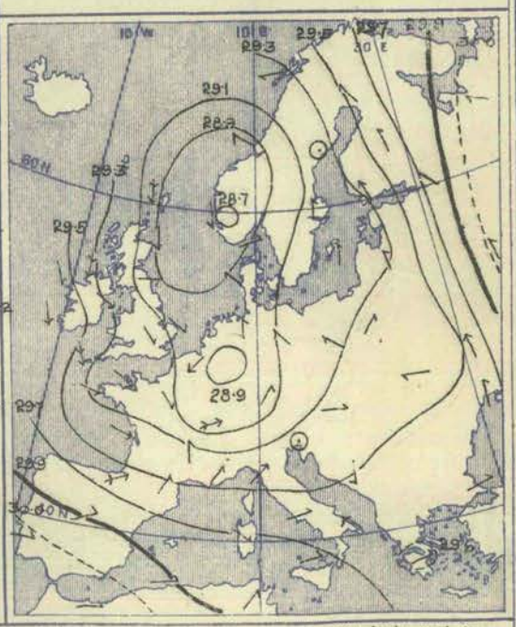
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. very unsettled generally, with much cloud or an entirely overcast sky in almost every locality. Snow falling in the Shetlands and at several stations in England and Ireland, as well as over a considerable portion of Northern and Central Europe, and rain at Oporto and on many shores of the Mediterranean and Adriatic. Rain or snow falling very generally later; largest amounts of snow, 1·2 in. at Helsingfors and 1·9 in. at Frankfort-on-the-Main.

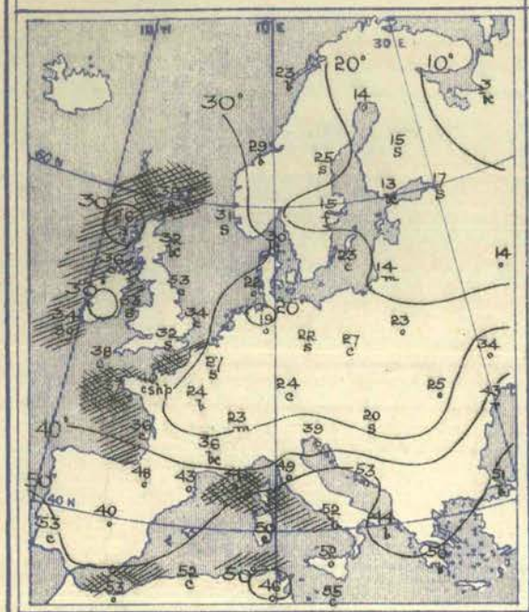
TEMPERATURE risen in Greece, Portugal, in several parts of Central Europe, and in a few other districts, fallen as a whole. Readings in morning below the freezing point over the greater part of the Continent and at most British stations, and as low as 7° at Archangel. Above 45° at most southern stations, and above 50° in places. Maxima only two or three degrees above freezing over the eastern half of Great Britain and in central Ireland, and below it over a large portion of the Continent. Thermometer rising to 61° at Nemours and to nearly 60° at some other southern stations. Succeeding night very cold over this country. Minimum 23° in London, 18° at Yarmouth and Clacton-on-Sea, and 16° at Nottingham

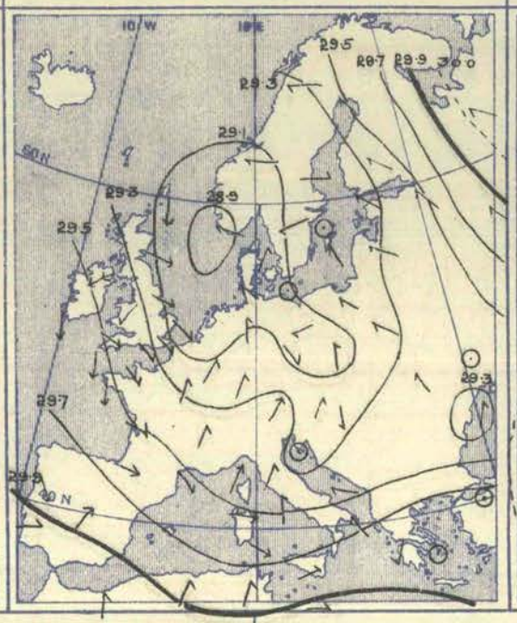
WIND in morning showing three distinct cyclonic circulations—one over Italy and its neighbourhood, another over England and the nearer regions of the Continent, and a third over Scandinavia. Fresh or strong in force generally, but blowing a gale over the Skager Rack only. A northerly gale setting in by evening on our most northern and north-western coasts, and wind becoming high in some Mediterranean regions, as well as over the Bay of Biscay.

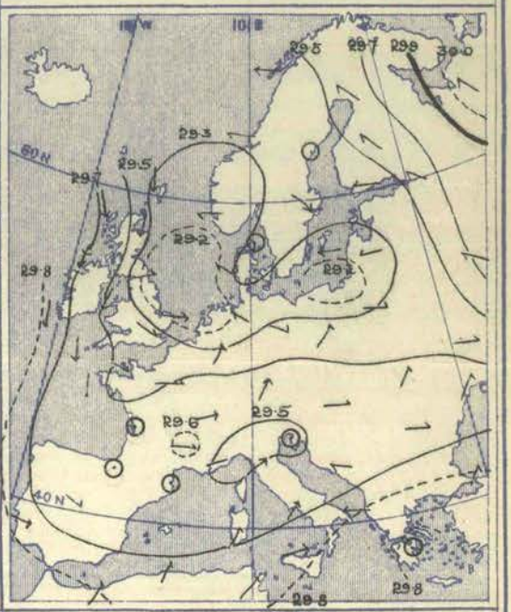
BAROMETER in morning above 30·2 ins. both over the east of Russia and Portugal. Below 29·5 ins. over Italy and the Adriatic, less than 28·9 ins. in a smaller minimum over the south-east of England, and below 28·7 ins. in a large depression having its centre over the south-west of Norway. A secondary disturbance shown over the north of Ireland. South-eastern disturbance travelling on to Germany by evening and that over Italy apparently moving to Greece. Norwegian depression remaining stationary, but a fall of the barometer on our north-east coasts and a decided rise in Ireland causing the gradient for Northerly winds to become steep.

Thursday, 27th December, 1906.

Temperature and Weather.	Barometer and Wind.	
8 a.m.	8 a.m.	6 p.m.







WEATHER in morning fair or fine in a few isolated places, but overcast and unsettled as a whole, with snow in various parts of these Islands and over the northern and central countries of the Continent. Rain falling at Oporto and also in South and Little Russia. Snow falling later in nearly all parts of our Islands and many Continental regions. As much as 0·5 in. at Valencia Island and 0·9 in. at Pembroke. Thunderstorms occurring in various parts of these Islands.

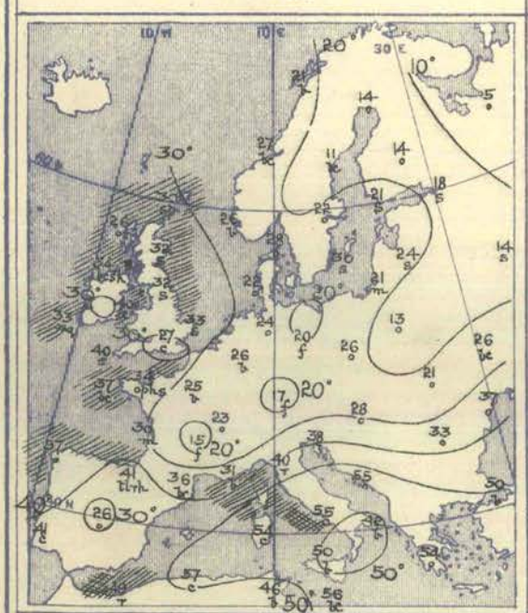
TEMPERATURE risen over Italy and the Riviera, fallen generally. Readings in morning below 20° over the north-east of our area as a whole and as low as 3° at Archangel, below 32° over most of the Continent and in central Ireland; above 50° at Lisbon and at most other stations in the far south. Thermometer rising to a little above 32° over our Islands, but remaining below it over large tracts of the Continent. Minima of the succeeding night 24° or 25° over the east and south-east of England and at Birr, and as low as 27° at Cape Sicié.

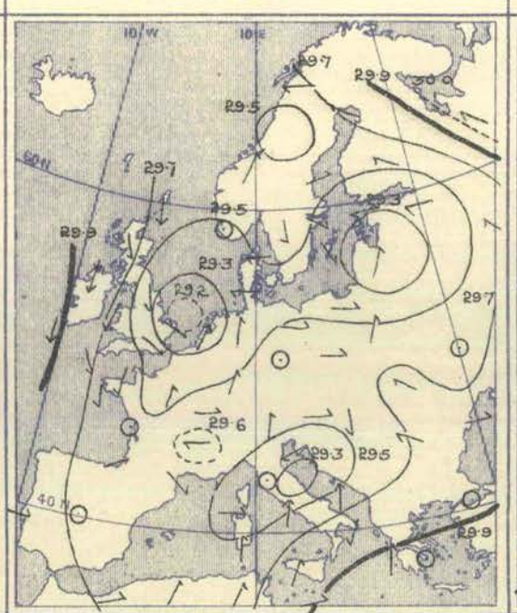
WIND in morning circulating cyclonically around the North Sea. Fresh or strong in many places, and a gale from the Northward prevailing at Malin Head and Le Havre. A Westerly current of moderate to rather strong winds blowing over the Mediterranean region. Little change later.

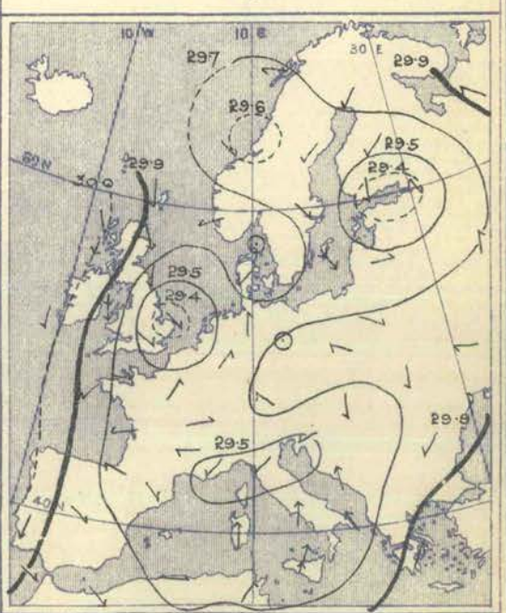
BAROMETER at 8 a.m. above 30·0 ins. over the east of Russia and not much lower in the extreme south-east of our area. Below 29·3 ins. in a depression over the south-east of Russia, and below 28·9 ins. in a more important system centred over the northern portion of the North Sea. A well marked secondary disturbance shown over Prussia. North Sea depression moving southwards during day and gradients becoming much steeper over the north and north-east of England and over Scotland. A considerable modification taking place in the general distribution of pressure over southern and south-eastern Europe. Depression in southern Russia entirely disappearing.

Friday, 28th December, 1906.

Temperature and Weather.	Barometer and Wind.	
8 a.m.	8 a.m.	6 p.m.







WEATHER at 8 a.m. temporarily fine in a few places, but very unsettled, with much cloud as a whole, snow in many parts of our Islands and over the northern half of the Continent, rain in several southern localities, and a thunderstorm at Biarritz. Fog prevailing at some stations in Germany and Austria. Considerable or heavy precipitation occurring later in many parts of our area, snow except in the south. Largest measurements, 1·97 in. at Algiers, 0·87 in. at Leghorn, and nearly three-quarters of an inch at Shields and Valencia Island.

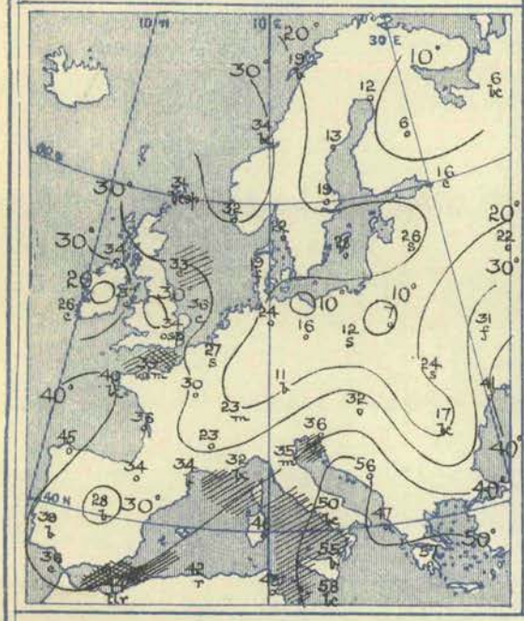
TEMPERATURE fallen in most places. Readings in morning below the freezing point very generally, below 20° in various parts of central and northern Europe, and as low as 5° at Archangel. About 32° in nearly all British and Irish localities, and also over Brittany. Thermometer above 50° in the far south, and as high as 56° at Malta and 57° at Algiers. Severe frost continuing all day over the major portion of our area, but thermometer rising to a little above 32° at most of our own stations, and to between 55° and 60° in the far south. Frost very severe in Great Britain at night—thermometer falling to below 15° in several places in Scotland.

WIND in morning showing three well-marked cyclonic disturbances. Northerly current strong to a gale on our west and north-west coasts. Not much strength elsewhere, but a high South-Westerly wind prevailing at Biarritz and a like force from South-South-East at Oran. Gales subsiding during succeeding night on our western coasts. Wind increasing from the Southward in some Mediterranean localities, as well as over the Baltic.

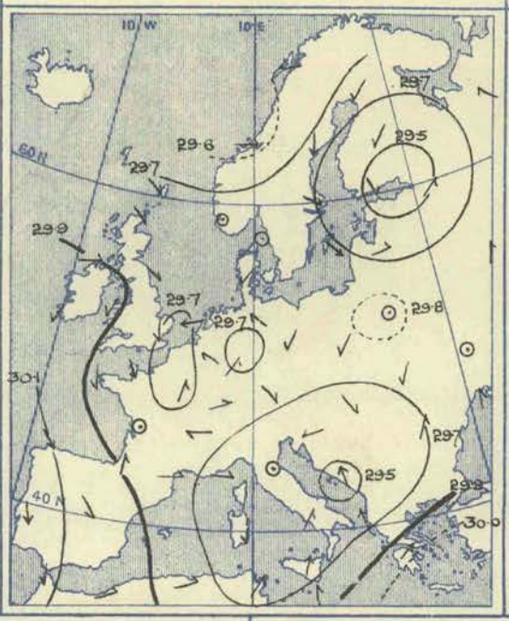
BAROMETER in morning above 30·0 ins. over the White Sea and relatively high off our west and north-west coasts. Less than 29·5 ins. in a depression over the north of Scandinavia, below 29·3 ins. in a depression centred over the Baltic Provinces of Russia, and in another minimum over the north of the Adriatic, and less than 29·2 ins. in a well-defined disturbance over the lower portion of the North Sea. Latter system moving southwards later and becoming less deep. An increase of pressure taking place over our area generally.

Saturday, 29th December, 1906.

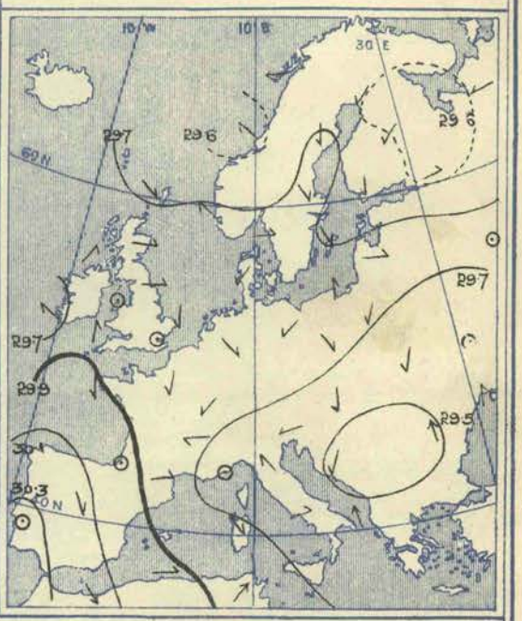
Temperature and Weather. 8 a.m.



Barometer and Wind. 8 a.m.



Barometer and Wind. 6 p.m.



WEATHER at 8 a.m. fair or fine in Ireland, many parts of Spain and Portugal, the Riviera, and in the north-west of Norway; cloudy or dull generally, with snow in many regions over the more northern countries, and also at Bilbao, and rain in Algeria. A thunderstorm with heavy rain and hail taking place at Biarritz later, and more or less precipitation occurring over most parts of our area.

TEMPERATURE changed rather irregularly, but fallen as a whole. Readings in morning as low as 13° at Birr Castle, much below 32° in Scotland, and a little lower in various parts of England. Below 20° over a considerable portion of the Continent, and as low as 11° at Munich and 6° at Kuopio and Archangel. Above 50° in Sicily, Malta, and Greece. Frost continuing all day in Scotland and over large tracts of the Continent. Maximum at Wick no higher than 22°. Succeeding night very cold over Great Britain.

WIND in morning showing several separate cyclonic circulations, but of little force. A strong breeze from the Northward prevailing over the east of Sweden and a high wind from South-East at Brindisi. Wind shifting to South or South-East later in Ireland, but no change of importance occurring over our area as a whole.

BAROMETER at 8 a.m. highest, 30·1 ins. and above, in the west of the Spanish Peninsula; lowest, 29·5 ins. and less, in a depression over the Gulf of Finland, and in a smaller minimum near Pesaro. Other depressions of less intensity shown in various parts of our area. Pressure decreasing briskly during day over Ireland, and a depression approaching that country from the Atlantic. A rather decided rise of the barometer taking place over the Spanish Peninsula and France. Continental disturbances travelling eastwards and undergoing some modification both in form and intensity.

IV.—TEMPERATURE on the Grass, and in the Ground.

	STATION.	Grass Min. No. of Obs. of 30° or less.	Grass Min. Lowest reading.	Mean Earth Temp. At 1 foot.	Mean Earth Temp. At 4 feet.
			°	°	°
2.	York	—	—	37·8	43·7
2.	Hull	7	13	38·9	43·7
3.	Cambridge	6	17	—	—
3.	Dunmow	7	16	—	—
4.	Harrogate	7	14	38·0	41·6
4.	Sheffield	7	17	37·2	43·9
4.	Birmingham	7	17	38·7	46·1
4.	Nottingham	7	18	35·9	42·1
5.	Kew	7	14	36·3	44·8
5.	Canterbury	7	15	37·0	45·4
5.	Portsmouth	7	18	38·8	46·6
6.	Glasgow	6	16	—	—
7.	Newton Rigg	7	7	37·5	42·9
7.	Bettws-y-Coed	3	21	37·3	45·3
7.	Manchester (Oldham Road)	7	18	35·4	44·4
8.	Llangammarch Wells	7	7	38·8	45·7
8.	Bath	—	—	40·3	47·6
8.	Plymouth	—	—	39·8	—
9.	Armagh	5	18	40·6	45·7
9.	Markree	5	15	—	—
10.	Dublin, Trin. Coll.	5	19	40·3	45·6
11.	Guernsey, Brooklyn	5	25	42·1	48·4

V.—OBSERVATIONS in the UPPER AIR.—Temperature, Humidity and Wind Velocity.

Date of Observation.	Station and its Height above M.S.L.		Heights in feet above Mean Sea Level. Ground Level.	1,000.	3,320	5,000.	6,000.	8,320.	10,000.	Remarks.
1906.										
December 25th, 10.10 a.m. to 12.35 p.m.	Brighton, 380 ft.	Temperature F.	31°	26°						One kite, 60 sq. ft. Strato-cumulus clouds not reached.
		Humidity	70%	20%						
		Wind Velocity, m. per hr.	NNW, —	NW by N, 30						
December 26th, 10.45 a.m. to 11.12 a.m.	Pyrton Hill, 500 ft.	Temperature F.	26°	21°	[16°]					One kite, 60 sq. ft.; 2,800 ft. wire. Max. height, 2,600 ft. Kite lost sight of at 500 ft. Fine, driving snow.
		Humidity	80%	95%	[100%]					
		Wind Velocity, m. per hr.	NNW, 25	NNW, 40	[NNW, 50]					
December 27th, 10.50 a.m. to 1.0 p.m.	Brighton, 380 ft.	Temperature F.	32°	26°						One kite, 53 sq. ft. Stratus cloud not reached. Considerable fluctuations of temperature occurred while the kite remained at the same height.
		Humidity	60%	60%						
		Wind Velocity, m. per hr.	NW, —	NNW, 40						
December 27th, 12.0 a.m. to 1.13 p.m.	Pyrton Hill, 500 ft.	Temperature F.	30°	29°	24°	[24°]				One kite, 77 sq. ft.; 5,300 ft. wire. Max. height, 4,400 ft. Wind, NNW at 3,500 ft.; WNW at 4,400 ft. Temp. about 5° lower during descent of kite than during ascent. Sky clear. Very free radiation.
		Humidity	70%	70%	65%	[60%]				
		Wind Velocity, m. per hr.	W, 5	WNW, 30	NW by W, 30	[WNW, 35]				
December 27th, 3.57 p.m. to 4.6 p.m.	Ditcham Park, 400 ft.	Temperature F.								Pilot Balloon Ascent. A uniform ascensional velocity of 300 ft. per minute has been assumed.
		Humidity								
		Wind Velocity, m. per hr.	NW, 13?	NW by W, 25	[NW by W, 10?]					
December 29th, 11.0 a.m. to 11.50 a.m.	Pyrton Hill, 500 ft.	Temperature F.	25°	25°						One kite, 77 sq. ft.; 1,500 ft. wire. Max. height, 1,700 ft. above M.S.L. Remarkable increase of wind velocity with elevation. Clouds from NE by N not reached. A little snow.
		Humidity	70%	60%						
		Wind Velocity, m. per hr.	N by E, 5	N by E, 40						
December 29th, 12.13 p.m. to 12.51 p.m.	Ditcham Park, Petersfield, 400 ft.	Temperature F.	31°	27°						One 7 ft. kite. Wire, 2,450 ft. Max. height, 1,950 ft.; temp., 28°; humidity, 100%. Inversion from 26° at 1,500 ft. to 28° at 1,700 ft. Cloud level about 1,600 ft.; thin scud. Wind decreasing rapidly during descent.
		Humidity	85%	100%						
		Wind Velocity, m. per hr.	NNE, 31*	NE, 31						
December 29th, 10.25 a.m. to 12.55 p.m.	Brighton, 380 ft.,	Temperature F.	33°	[30°]						One kite, 55 sq. ft. 1,660 ft. barely reached, owing to failure of wind above. Detached clouds. Dead calm at sea level at 4 p.m.
		Humidity	70%	[50%]						
		Wind Velocity, m. per hr.	NNE, —	[NE by E, 30]						

* At about 260 ft. above ground.

63, Victoria Street, London, S.W. *January 2nd, 1907.*

W. N. SHAW, *Director.*

QUARTERLY SUMMARY OF THE WEEKLY WEATHER REPORT, 1906.

SURVEY FOR THE PUBLIC SERVICE

Twenty-ninth Year. Vol. XXIII. [*New Series.*] APPENDIX I. FIRST QUARTER—JANUARY TO MARCH. [*Price 4d.*

TABLE I.—SUMMARY OF RAINFALL AND MEAN TEMPERATURE, FOR THE FIRST QUARTER OF THE FORTY-ONE YEARS, 1866 TO 1906.

YEARS.	Eastern Districts.												Western Districts.												English Channel.		Means for Districts 1-10 combined.	
	0. Scotland, N.		1. Scotland, E.		2. England, N.E.		3. England, E.		4. Midland Counties.		5. England, S.		Means for Eastern Districts.		6. Scotland, W.		7. England, N.W. and North Wales.		8. South Wales and England, S.W.		9. Ireland, N.		10. Ireland, S.		Means for Western Districts.					
	Days.	Ins.	Days.	Ins.	Days.	Ins.	Days.	Ins.	Days.	Ins.	Days.	Ins.	Days.	Ins.	Days.	Ins.	Days.	Ins.	Days.	Ins.	Days.	Ins.	Days.	Ins.	Days.	Ins.	Days.	Ins.	Days.	Ins.
RAINFALL.																														
Means for 5 years, 1866-1870.	—	12·6	—	9·6	—	5·4	—	5·7	—	6·9	—	8·5	—	7·2	—	12·6	—	11·8	—	13·7	—	11·8	—	11·0	—	12·2	—	—	—	9·7
1871-1875	—	9·1	—	7·8	—	4·9	—	4·4	—	6·6	—	7·1	—	6·2	—	11·1	—	10·4	—	13·7	—	9·5	—	10·5	—	11·0	—	—	—	8·6
1876-1880	—	9·5	—	7·2	—	5·3	—	5·7	—	6·2	—	7·2	—	6·3	—	11·2	—	9·5	—	9·9	—	9·2	—	10·0	—	10·0	—	—	—	8·2
1881-1885	65	9·9	49	6·2	45	5·2	44	5·1	45	6·4	43	6·4	45	5·9	58	12·5	50	8·8	53	9·7	61	9·4	58	11·9	56	10·5	57	8·2	51	8·2
1886-1890	66	12·2	52	6·2	47	5·2	47	4·7	43	5·2	44	5·4	47	5·3	53	10·7	50	6·9	49	8·3	56	8·4	50	9·5	52	8·8	57	7·1	50	7·1
1891-1895	64	13·9	48	6·8	49	5·1	48	4·6	45	4·9	43	5·3	47	5·3	53	10·5	47	6·7	47	8·1	55	7·8	49	8·5	50	8·3	52	7·1	49	6·8
1896	68	17·8	50	4·8	39	4·1	47	4·9	45	4·3	42	4·4	45	4·5	61	12·1	53	8·3	50	6·9	56	9·2	51	8·8	54	9·1	53	4·9	50	6·8
1897	65	11·0	57	6·9	59	6·4	57	6·9	54	7·9	52	9·2	56	7·5	58	11·0	61	7·9	65	13·0	66	9·6	61	11·8	62	10·7	70	11·6	59	9·1
1898	77	18·7	52	4·8	44	3·4	41	3·5	39	2·9	37	3·5	43	3·6	62	10·5	50	7·3	48	6·0	61	7·8	44	6·6	53	7·6	56	4·4	48	5·6
1899	60	13·7	53	8·4	48	5·3	46	4·6	44	6·8	38	5·9	46	6·2	57	13·1	51	8·9	49	12·5	62	8·9	51	12·5	54	11·2	48	8·1	50	8·7
1900	66	11·7	54	8·8	54	7·8	55	7·5	50	8·6	50	9·3	53	8·4	54	12·2	52	9·2	56	13·5	60	8·2	56	9·9	55	10·6	65	12·4	54	9·5
Means for 5 years, 1896-1900.	67	14·6	53	6·7	49	5·4	49	5·5	46	6·1	44	6·5	48	6·0	58	11·8	53	8·3	54	10·4	61	8·7	53	9·9	56	9·8	58	8·3	52	7·9
1901*	64	10·4	52	6·5	55	5·6	52	5·1	49	6·6	45	6·1	51	6·0	50	10·0	51	6·7	47	9·3	59	8·1	50	8·6	51	8·5	63	8·0	51	7·3
1902	68	14·6	50	4·7	41	3·7	42	3·2	38	4·6	35	4·9	41	4·2	60	13·3	53	6·5	47	7·6	63	8·7	49	9·1	54	9·0	51	6·0	48	6·6
1903	75	24·6	60	12·6	47	5·1	44	4·7	48	7·4	54	6·8	51	7·3	75	22·6	63	11·9	64	12·2	74	14·2	70	15·7	69	15·3	66	8·8	60	11·3
1904	62	13·0	56	7·5	54	5·4	54	5·9	61	7·7	60	9·0	57	7·1	57	14·1	56	9·6	62	12·3	67	10·6	67	13·1	62	11·9	67	12·8	60	9·5
1905	78	17·3	56	6·5	39	3·0	47	3·8	46	4·6	48	6·1	47	4·8	64	13·3	56	7·4	51	8·7	70	10·0	63	10·3	61	9·9	59	8·0	54	7·4
Means for 5 years, 1901-1905.	69	16·0	55	7·6	47	4·6	48	4·5	48	6·2	48	6·6	49	5·9	61	14·7	56	8·4	54	10·0	67	10·3	60	11·4	60	11·0	61	—	55	8·5
1906	74	17·5	55	7·3	52	5·3	57	6·8	55	7·1	62	8·9	56	7·1	58	14·1	57	11·2	61	13·8	73	11·3	67	10·9	63	12·3	70	10·0	60	9·7
Means for 41 years, 1866-1906.	—	12·3	—	7·3	—	5·1	—	5·1	—	6·1	—	6·7	—	6·1	—	11·9	—	8·9	—	10·6	—	9·4	—	10·3	—	10·2	—	—	—	8·2
MEAN TEMPERATURE.																														
Means for 5 years, 1866-1870.	38°8		39°1		38°9		39°9		39°9		40°7		39°7		40°1		40°5		43°1		40°6		42°1		41°3		°		40°5	
1871-1875	40·2		40·0		39·7		39·9		40·5		41·2		40·3		40·8		41·6		44·0		41·6		43·7		42·3		—		41·3	
1876-1880	38·6		38·2		39·2		39·4		39·8		40·6		39·4		39·9		40·2		43·2		40·8		43·6		41·5		—		40·5	
1881-1885	38·8		38·9		39·4		39·8		39·9		41·4		39·9		40·2		40·5		42·7		41·3		43·1		41·6		44·9		44·8	
1886-1890	38·1		38·0		38·3		37·4		37·8		38·8		38·1		39·3		38·9		40·2		40·5		41·8		40·1		43·2		39·1	
1891-1895	37·4		36·8		37·9		37·6		37·8		39·0		37·8		38·8		39·1		40·4		40·1		41·7		40·0		43·5		38·9	
1896	40·9		40·4		41·2		40·9		41·4		42·7		41·3		42·3		42·5		43·9		43·4		45·5		43·5		46·7		42·4	
1897	37·5		37·4		39·4		39·8		39·8		41·7		39·6		39·5		40·4		42·5		40·6		42·8		41·2		45·7		40·4	
1898	40·1		40·3		41·1		40·5		40·7		42·2		41·0		42·0		42·1		43·0		42·7		44·3		42·8		45·8		41·9	
1899	38·4		38·0		40·3		41·1		40·7		42·7		40·6		40·6		41·8		43·4		41·7		43·8		42·3		46·8		41·5	
1900	36·6		35·9		37·6		38·1		37·8		39·9		37·9		38·2		38·6		40·7		39·0		40·1		39·3		44·6		38·6	
Means for 5 years, 1896-1900.	38·7		38·4		39·9		40·1		40·1		41·8		40·1		40·5		41·1		42·7		41·5		43·3		41·8		45·9		41·0	
1901	38·0		37·0		38·0		37·2		37·3		38·5		37·6		39·0		38·5		39·7		40·0		40·8		39·6		43·2		38·6	
1902	37·8		37·4		39·5		39·7		39·8		41·2		39·5		39·7		40·2		42·1		41·2		43·2		41·3		45·3		40·4	
1903	39·7		39·7		42·2		43·3		42·4		44·1		42·3		42·0		42·9		44·6		42·4		44·3		43·2		47·0		42·8	
1904	38·4		37·4		38·9		39·2		38·9		40·2		38·9		39·5		39·4		41·6		40·2		42·0		40·5		44·2		39·7	
1905	39·6		39·9		41·0		41·1		40·9		42·0		41·0		41·6		41·8		42·8		42·3		44·1		42·5		45·8		41·8	
Means for 5 years, 1901-1905.	38·7		38·3		39·9		40·1		39·9		41·2		39·9		40·4		40·6		42·2		41·2		42·9		41·5		45·1		40·7	
1906	37·4		37·8		39·7		40·2		40·0		41·0		39·7		40·0		40·2		41·5		41·0		43·0		41·1		44·8		40·4	
Means for 41 years, 1866-1906.	38·6		38·5		39·2		39·3		39·5		40·6		39·4		40·0		40·2		42·3		41·0		42·8		41·3		—		40·4	

TABLE Ia.—SHOWING THE DATES OF THE DRIEST AND WETTEST, AND OF THE COLDEST AND WARMEST CORRESPONDING QUARTERS FOR THE FORTY-ONE YEARS, 1866 TO 1906.

		Eastern Districts.	Western Districts.	Eastern and Western Districts combined.
Rainfall	Driest	Ins. 3·6 in 1898	Ins. 6·3 in 1891	Ins. 5·4 in 1891
	Wettest	9·0 in 1872	15·3 in 1903	12·0 in 1872
Temperature	Coldest	° 34·1 in 1895	° 36·2 in 1895	° 35·2 in 1895
	Warmest	42·8 in 1882	44·6 in 1882	43·7 in 1882

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TABLE II.—SHOWING THE RAINFALL, ACCUMULATED TEMPERATURE, AND BRIGHT SUNSHINE FOR PERIODS OF FOUR WEEKS OR FIVE WEEKS, AND THE PROGRESSIVE VALUES FROM DECEMBER 31ST, 1905, FOR THE FIRST QUARTER, 1906.

1906. — FOUR WEEKS OR FIVE WEEKS ENDING.	Eastern Districts.														Western Districts.														English Channel.		Means for Districts 1-10 combined.	
	0. Scotland, N.		1. Scotland E.		2. England, N.E.		3. England, E.		4. Midland Counties.		5. England, S.		Means for Eastern Districts.		6. Scotland, W.		7. England, N.W. and North Wales.		8. South Wales and England, S.W.		9. Ireland, N.		10. Ireland, S.		Means for Western Districts.							
	For the Period.	From Dec. 31st, 1905.	For the Period.	From Dec. 31st, 1905.	For the Period.	From Dec. 31st, 1905.	For the Period.	From Dec. 31st, 1905.	For the Period.	From Dec. 31st, 1905.	For the Period.	From Dec. 31st, 1905.	For the Period.	From Dec. 31st, 1905.	For the Period.	From Dec. 31st, 1905.	For the Period.	From Dec. 31st, 1905.	For the Period.	From Dec. 31st, 1905.	For the Period.	From Dec. 31st, 1905.	For the Period.	From Dec. 31st, 1905.	For the Period.	From Dec. 31st, 1905.	For the Period.	From Dec. 31st, 1905.	For the Period.	From Dec. 31st, 1905.	For the Period.	From Dec. 31st, 1905.
RAINFALL.—NUMBERS OF DAYS WITH RAIN.																																
Jan. 27 -	23	23	16	16	17	17	18	18	19	19	22	22	18	18	21	21	21	21	22	22	26	26	24	24	22	22	24	24	20	20		
Feb 24 -	23	46	16	32	16	33	19	37	16	35	19	41	17	35	19	40	17	38	20	42	23	49	23	47	20	42	24	48	19	39		
Mar. 31 -	28	74	23	55	19	52	20	57	20	55	21	62	21	56	18	58	19	57	19	61	24	73	20	67	20	62	22	70	21	60		
RAINFALL.—AMOUNTS IN INCHES.																																
Jan. 27 -	6·74	6·74	2·56	2·56	2·38	2·38	3·29	3·29	3·79	3·79	4·82	4·82	3·37	3·37	5·70	5·70	4·68	4·68	6·93	6·93	4·38	4·38	5·36	5·36	5·41	5·41	4·48	4·48	4·39	4·39		
Feb. 24 -	4·93	11·67	2·22	4·78	1·18	3·56	1·94	5·23	1·49	5·28	2·33	7·15	1·83	5·20	4·25	9·95	3·04	7·72	3·94	10·87	3·49	7·87	2·93	8·29	3·53	8·94	3·28	7·76	2·68	7·07		
Mar. 31 -	5·80	17·47	2·48	7·26	1·73	5·29	1·60	6·83	1·86	7·14	1·78	8·93	1·89	7·09	4·14	14·09	3·48	11·20	2·97	13·84	3·39	11·26	2·58	10·87	3·31	12·25	2·28	10·04	2·60	9·67		
ACCUMULATED TEMPERATURE.—DAY-DEGREES ABOVE 42° F.																																
Jan. 27 -	15	15	29	29	25	25	38	38	38	38	79	79	42	42	36	36	48	48	88	88	55	55	98	98	65	65	132	132	54	54		
Feb. 24 -	3	18	7	36	26	51	28	66	29	67	37	116	26	68	19	55	21	69	40	128	32	87	60	158	34	99	82	214	30	84		
Mar. 31 -	28	46	38	74	74	125	93	159	101	168	90	206	79	147	62	117	63	132	103	231	76	163	139	297	89	188	125	339	81	168		
ACCUMULATED TEMPERATURE.—DAY-DEGREES BELOW 42° F.																																
Jan. 27 -	113	113	107	107	98	98	101	101	112	112	65	65	97	97	74	74	68	68	58	58	69	69	50	50	64	64	10	10	81	81		
Feb. 24 -	180	293	175	282	127	225	118	219	130	242	111	176	132	229	125	199	109	177	107	165	107	176	97	147	109	173	31	41	120	201		
Mar. 31 -	199	492	188	470	138	363	122	341	133	375	112	288	139	368	126	325	122	299	99	264	113	289	62	209	104	277	38	79	122	323		
BRIGHT SUNSHINE.—NUMBERS OF HOURS.																																
Jan. 27 -	21	21	35	35	40	40	58	58	46	46	66	66	49	49	26	26	28	28	53	53	39	39	48	48	39	39	71	71	44	44		
Feb. 24 -	66	87	102	137	91	131	77	135	75	121	84	150	86	135	96	122	82	110	83	136	85	124	79	127	85	124	91	162	86	130		
Mar. 31 -	102	189	134	271	146	277	130	265	129	250	141	291	136	271	141	263	136	246	150	286	107	231	123	250	131	255	158	320	134	264		
BRIGHT SUNSHINE.—PERCENTAGES OF POSSIBLE DURATION.																																
Jan. 27 -	11	11	17	17	19	19	26	26	21	21	29	29	22	22	12	12	13	13	23	23	18	18	22	22	18	18	30	30	20	20		
Feb. 24 -	27	20	40	30	35	28	29	28	28	25	31	30	33	28	37	26	31	23	31	27	33	26	30	26	32	26	33	32	33	27		
Mar. 31 -	25	22	33	32	36	31	32	30	32	28	35	32	33	31	35	30	33	28	37	32	26	26	30	28	32	29	30	35	33	30		

EXPLANATION OF TABLES.

TABLES I. and IA. are in continuation of the Tables given in the Quarterly Summaries of the Weekly Weather Reports, 1884-1905. The whole of the values for 1878-1906, however, have been corrected by information which may have been received since they were first published.

TABLE II. In this Table the values given do not apply to calendar months but to periods of four weeks or five weeks ending at the dates shown.

The figures given in the columns headed "From Dec. 31, 1905" are the values for the whole period elapsed since the beginning of the first week of the year.

In the "Means for Eastern Districts" the values for District 0, and in the "Means for Western Districts" the values for the "English Channel" are not included.

QUARTERLY SUMMARY OF THE WEEKLY WEATHER REPORT, 1906.

Twenty-ninth Year.
Vol. XXIII. {*New Series.*} APPENDIX I. SECOND QUARTER—APRIL TO JUNE. [*Price 4d.*

SUPPLIED FOR THE PUBLIC SERVICE

TABLE I.—SUMMARY OF RAINFALL AND MEAN TEMPERATURE, FOR THE SECOND QUARTER OF THE FORTY-ONE YEARS, 1866 TO 1906.

YEARS.	0. Scotland, N.	Eastern Districts. 1. Scotland, E.	2. England, N.E.	3. England, E.	4. Midland Counties.	5. England, S.	Means for Eastern Districts.	Western Districts. 6. Scotland, W.	7. England, N.W. and North Wales.	8. South Wales and England, S.W.	9. Ireland, N.	10. Ireland, S.	Means for Western Districts.	English Channel	Means for Districts 1-10 combined.
RAINFALL.															
	Days. Ins.	Days. Ins.	Days. Ins.	Days. Ins.	Days. Ins.	Days. Ins.	Days. Ins.	Days. Ins.	Days. Ins.	Days. Ins.	Days. Ins.	Days. Ins.	Days. Ins.	Days. Ins.	Days. Ins.
Means for 5 years, 1866-1870.	— 8·8	— 5·7	— 5·5	— 4·5	— 5·3	— 5·1	— 5·2	— 7·1	— 6·5	— 7·0	— 7·5	— 7·2	— 7·1	— —	— 6·2
1871-1875 - -	— 8·5	— 6·5	— 5·5	— 5·5	— 6·4	— 6·4	— 6·1	— 7·3	— 7·4	— 7·9	— 7·5	— 6·2	— 7·3	— —	— 6·7
1876-1880 - -	— 6·3	— 6·9	— 7·1	— 7·2	— 7·7	— 7·1	— 7·2	— 8·5	— 7·8	— 9·0	— 8·3	— 9·8	— 8·7	— —	— 8·0
1881-1885 - -	51 6·7	44 5·2	43 5·8	39 5·9	41 6·5	38 5·6	41 5·8	47 8·1	42 7·0	44 7·2	52 7·2	46 7·7	46 7·4	45 5·6	44 6·6
1886-1890 - -	54 7·0	43 5·7	40 4·8	41 5·1	41 6·4	40 5·7	41 5·5	45 8·8	41 6·5	42 6·5	46 7·1	46 7·5	44 7·3	46 5·9	43 6·4
1891-1895 - -	48 7·1	42 5·5	40 5·2	36 4·8	35 5·1	32 3·8	37 4·9	42 6·7	40 6·0	35 5·3	46 6·6	41 7·1	41 6·3	36 4·7	39 5·6
1896 - - -	54 9·0	42 5·0	37 3·2	33 3·8	30 3·8	28 3·0	34 3·8	37 6·3	35 4·4	24 2·8	44 6·1	34 3·8	35 4·7	29 2·8	35 4·3
1897 - - -	49 8·7	47 8·0	39 5·4	39 5·3	40 6·7	35 5·4	40 6·2	54 9·9	47 8·0	44 8·0	55 10·6	53 10·0	51 9·3	49 6·3	46 7·7
1898 - - -	57 9·9	50 7·0	50 6·2	46 6·7	48 6·6	46 6·2	48 6·5	55 8·7	49 8·8	47 8·9	64 9·4	51 10·3	53 9·2	50 7·6	51 7·9
1899 - - -	51 8·9	52 8·4	47 7·1	40 6·0	42 6·4	37 5·3	44 6·8	51 12·1	48 8·5	43 8·1	52 10·0	46 8·7	48 9·5	41 6·3	46 8·1
1900 - - -	58 10·0	49 6·0	39 4·9	42 5·0	41 5·5	37 5·1	42 5·3	54 11·9	44 6·6	45 8·5	59 9·4	53 9·7	51 9·2	43 5·0	47 7·3
Means for 5 years, 1896-1900.	54 9·3	48 6·9	42 5·4	40 5·4	40 5·8	37 5·0	41 5·7	50 9·8	45 7·3	41 7·3	55 9·1	47 8·5	48 8·4	42 5·6	45 7·1
1901 - - -	50 8·3	45 6·4	34 4·1	36 4·2	35 4·3	31 4·1	36 4·6	45 10·3	40 5·1	35 7·1	49 8·3	41 7·8	42 7·7	38 6·8	39 6·2
1902 - - -	59 8·2	54 6·9	47 6·3	49 7·0	48 6·5	50 6·7	50 6·7	55 9·1	52 6·7	49 7·3	63 8·1	55 7·4	55 7·7	49 7·3	53 7·2
1903 - - -	50 9·2	46 5·2	40 5·8	33 7·2	38 7·5	35 8·1	38 6·8	41 7·6	42 5·8	37 8·5	50 6·1	43 7·4	43 7·1	43 5·9	41 7·0
1904 - - -	59 13·1	50 6·5	38 4·5	36 3·5	38 4·4	40 4·9	40 4·8	53 10·2	48 5·8	42 6·5	58 7·1	49 7·0	50 7·3	51 5·4	45 6·1
1905 - - -	53 6·3	45 4·6	40 4·2	43 6·5	42 5·6	40 6·7	42 5·5	38 7·1	36 5·9	44 6·9	44 5·7	44 6·4	41 6·4	43 5·5	42 6·0
Means for 5 years, 1901-1905.	54 9·0	48 5·9	40 5·0	39 5·7	40 5·7	39 6·1	41 5·7	46 8·8	44 5·9	41 7·3	53 7·1	46 7·4	46 7·2	45 6·2	44 6·5
1906 - - -	56 8·6	49 7·7	45 5·3	33 5·1	39 5·2	31 5·0	39 5·7	47 8·8	44 6·5	41 7·7	57 7·8	51 7·2	48 7·6	35 4·7	44 6·7
Means for 41 years, 1866-1906.	— 7·8	— 6·1	— 5·5	— 5·5	— 6·1	— 5·6	— 5·8	— 8·1	— 6·8	— 7·2	— 7·6	— 7·7	— 7·5	— —	— 6·7
MEAN TEMPERATURE.															
	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°
Means for 5 years, 1866-1870.	48·5	50·4	49·8	52·7	53·1	53·1	51·8	51·3	51·8	53·9	52·5	53·0	52·5	—	52·2
1871-1875 - -	48·2	49·8	49·6	51·0	52·0	52·1	50·9	51·1	51·3	53·0	51·6	53·3	52·1	—	51·5
1876-1880 - -	47·2	48·9	49·4	51·1	51·3	51·9	50·5	50·2	50·5	52·0	50·1	52·0	51·0	—	50·8
1881-1885 - -	46·8	49·5	50·0	51·8	51·8	52·9	51·2	50·0	50·8	51·6	50·6	51·6	50·9	52·7	51·1
1886-1890 - -	47·6	49·2	49·5	51·4	51·5	52·6	50·8	50·1	50·8	51·9	50·7	52·1	51·1	52·8	51·0
1891-1895 - -	48·6	49·4	50·1	52·1	52·4	53·6	51·5	51·0	51·9	53·0	51·7	53·1	52·1	51·4	51·8
1896 - - -	49·8	51·7	51·8	52·6	53·4	54·2	52·7	52·5	53·5	54·4	53·1	54·4	53·6	55·4	53·2
1897 - - -	47·4	48·3	49·6	52·1	52·0	53·7	51·1	49·9	51·2	53·1	50·0	52·5	51·3	54·4	51·2
1898 - - -	48·4	49·2	49·9	51·4	51·3	52·6	50·9	50·7	51·3	52·2	51·0	52·4	51·5	53·7	51·2
1899 - - -	47·7	48·6	49·9	51·7	51·8	53·3	51·1	50·2	51·5	52·9	50·9	52·9	51·7	54·7	51·4
1900 - - -	48·6	49·2	50·4	51·9	51·7	52·5	51·1	51·0	51·3	51·9	51·4	52·7	51·7	51·7	51·4
Means for 5 years, 1896-1900.	48·4	49·4	50·3	51·9	52·0	53·3	51·4	50·9	51·8	52·9	51·3	53·0	52·0	54·0	51·7
1901 - - -	48·9	49·4	50·7	51·8	52·1	52·8	51·4	50·6	51·8	52·9	50·5	52·1	51·6	54·1	51·5
1902 - - -	46·1	46·6	48·1	49·8	49·4	50·4	48·9	48·6	49·3	50·3	48·8	50·4	49·5	52·2	49·2
1903 - - -	47·3	48·4	49·1	51·0	50·6	51·9	50·2	49·9	50·7	51·9	50·3	52·0	51·0	53·2	50·6
1904 - - -	48·5	49·4	51·5	52·8	51·9	53·1	51·7	50·6	51·5	52·4	50·6	52·3	51·5	53·9	51·6
1905 - - -	47·8	49·0	50·5	52·3	51·7	52·9	51·3	50·7	51·3	52·4	51·2	53·3	51·8	53·8	51·6
Means for 5 years, 1901-1905.	47·7	48·6	50·0	51·5	51·1	52·2	50·7	50·1	50·9	52·0	50·3	52·0	51·1	53·4	50·9
1906 - - -	46·8	48·5	50·4	51·3	51·2	51·6	50·6	50·0	50·6	51·2	49·5	51·5	50·6	52·8	50·6
Means for 41 years, 1866-1906.	47·9	49·4	49·9	51·7	51·9	52·7	51·1	50·6	51·2	52·5	51·1	52·5	51·6	—	51·4

TABLE Ia.—SHOWING THE DATES OF THE DRIEST AND WETTEST, AND OF THE COLDEST AND WARMEST CORRESPONDING QUARTERS FOR THE FORTY-ONE YEARS, 1866 TO 1906.

		Eastern Districts.	Western Districts.	Eastern and Western Districts combined.
		Ins.	Ins.	Ins.
Rainfall	Driest	3·1 in 1870 and 1893	4·2 in 1887	3·8 in 1893
	Wettest	9·4 in 1879	10·3 in 1872 and 1878 / 10·2 in 1879 and 1882	9·8 in 1879
		°	°	°
Temperature	Coldest	48·4 in 1879	49·1 in 1879 and 1885	48·8 in 1879
	Warmest	54·0 in 1868 and 1893	55·2 in 1893	54·6 in 1893

375 Wt 65 8/06 D & S 23 25608

TABLE II.—SHOWING THE RAINFALL, ACCUMULATED TEMPERATURE, AND BRIGHT SUNSHINE FOR PERIODS OF FOUR WEEKS OR FIVE WEEKS, AND THE PROGRESSIVE VALUES FROM DECEMBER 31ST, 1905, FOR THE SECOND QUARTER, 1906.

1906. — FOUR WEEKS OR FIVE WEEKS ENDING.	0. SCOTLAND, N.		Eastern Districts. 1. SCOTLAND E.		2. ENGLAND, N.E.		3. ENGLAND, E.		4. MIDLAND COUNTIES.		5. ENGLAND, S.		MEANS FOR EASTERN DISTRICTS.		Western Districts. 6. SCOTLAND, W.		7. ENGLAND, N.W. AND NORTH WALES.		8. SOUTH WALES AND ENGLAND, S.W.		9. IRELAND, N.		10. IRELAND, S.		MEANS FOR WESTERN DISTRICTS.		ENGLISH CHANNEL.		MEANS FOR DISTRICTS 1-10 COMBINED.	
	For the Period.	From Dec. 31st, 1905.	For the Period.	From Dec. 31st, 1905.	For the Period.	From Dec. 31st, 1905.	For the Period.	From Dec. 31st, 1905.	For the Period.	From Dec. 31st, 1905.	For the Period.	From Dec. 31st, 1905.	For the Period.	From Dec. 31st, 1905.	For the Period.	From Dec. 31st, 1905.	For the Period.	From Dec. 31st, 1905.	For the Period.	From Dec. 31st, 1905.	For the Period.	From Dec. 31st, 1905.	For the Period.	From Dec. 31st, 1905.	For the Period.	From Dec. 31st, 1905.	For the Period.	From Dec. 31st, 1905.	For the Period.	From Dec. 31st, 1905.
RAINFALL.—NUMBERS OF DAYS WITH RAIN.																														
Apr. 28 -	17	91	12	67	12	64	8	65	9	64	7	69	10	66	12	70	10	67	11	72	18	91	14	81	13	75	10	80	12	72
May 26 -	22	113	21	88	19	83	13	78	17	81	14	83	17	83	21	91	20	87	18	90	22	113	18	99	20	95	17	97	18	90
June 30 -	17	130	16	104	14	97	12	90	13	94	10	93	13	96	14	105	14	101	12	102	17	130	19	118	15	110	8	105	14	104
RAINFALL.—AMOUNTS IN INCHES.																														
Apr. 28 -	3·16	20·63	1·42	8·68	0·68	5·97	0·62	7·45	0·72	7·86	0·77	9·70	0·84	7·93	1·95	16·04	1·10	12·30	1·10	14·94	2·23	13·49	1·44	12·31	1·56	13·81	0·92	10·96	1·20	10·87
May 26 -	3·43	24·06	4·68	13·36	3·01	8·98	1·73	9·18	2·01	9·87	2·13	11·83	2·71	10·64	4·53	20·57	3·42	15·72	3·86	18·80	3·12	16·61	3·19	15·50	3·62	17·43	2·55	13·51	3·17	14·04
June 30 -	2·05	26·11	1·60	14·96	1·61	10·59	2·71	11·89	2·43	12·30	2·14	13·97	2·16	12·74	2·29	22·86	1·99	17·71	2·71	21·51	2·41	19·02	2·57	18·07	2·39	19·82	1·22	14·73	2·25	16·29
ACCUMULATED TEMPERATURE.—DAY-DEGREES ABOVE 42° F.																														
Apr. 28 -	104	150	157	231	158	283	162	321	189	357	179	385	169	316	165	282	157	289	177	408	142	305	169	466	162	350	166	505	165	333
May 26 -	104	254	130	361	187	470	231	552	221	578	239	624	201	517	158	440	183	472	207	615	149	454	200	666	179	529	249	754	190	523
June 30 -	372	626	452	813	505	975	513	1065	521	1099	507	1131	499	1016	480	920	506	978	505	1120	449	903	539	1205	496	1025	540	1294	498	1021
ACCUMULATED TEMPERATURE.—DAY-DEGREES BELOW 42° F.																														
Apr. 28 -	101	593	99	569	83	446	63	404	88	463	54	342	77	445	75	400	67	366	52	316	51	340	48	257	59	336	0	79	68	391
May 26 -	53	646	55	624	18	464	9	413	23	486	9	351	23	468	19	419	13	379	11	327	15	355	7	264	13	349	0	79	18	409
June 30 -	0	646	0	624	0	464	0	413	0	486	0	351	0	468	0	419	0	379	0	327	0	355	0	264	0	349	0	79	0	409
BRIGHT SUNSHINE.—NUMBERS OF HOURS.																														
Apr. 28 -	155	344	188	459	206	483	222	487	195	445	220	511	206	477	176	439	197	443	224	510	179	410	197	447	195	450	235	555	200	464
May 26 -	108	452	113	572	118	601	149	636	107	552	160	671	129	606	102	541	90	533	136	646	112	522	144	591	117	567	174	729	123	587
June 30 -	170	622	206	778	219	820	264	900	231	783	276	947	239	845	227	768	236	769	229	875	186	708	204	795	216	783	266	995	228	815
BRIGHT SUNSHINE.—PERCENTAGES OF POSSIBLE DURATION.																														
Apr. 28 -	39	28	48	37	53	38	58	38	51	35	58	40	53	38	45	35	51	35	59	40	46	32	51	35	51	35	62	43	52	36
May 26 -	24	27	25	34	27	35	35	37	25	32	37	39	30	36	23	32	21	31	32	38	25	31	33	35	27	33	41	42	28	34
June 30 -	27	27	34	34	37	36	46	39	40	34	49	42	41	37	38	33	40	34	40	38	32	31	35	35	37	34	48	44	39	36

EXPLANATION OF TABLES.

TABLES I. and IA. are in continuation of the Tables given in the Quarterly Summaries of the Weekly Weather Reports, 1884–1905. The whole of the values for 1878–1906, however, have been corrected by information which may have been received since they were first published.

TABLE II. In this Table the values given do not apply to calendar months but to periods of four weeks or five weeks ending at the dates shown.

The figures given in the columns headed "From Dec. 31, 1905" are the values for the whole period elapsed since the beginning of the first week of the year.

In the "Means for Eastern Districts" the values for District 0, and in the "Means for Western Districts" the values for the "Channel Islands" are not included.

QUARTERLY SUMMARY OF THE WEEKLY WEATHER REPORT, 1906.

SUPPLIED FOR THE PUBLIC SERVICE

Twenty-ninth Year.
Vol. XXIII. [*New Series.*] } APPENDIX I. THIRD QUARTER—JULY TO SEPTEMBER. [*Price 4d.*

TABLE I.—SUMMARY OF RAINFALL AND MEAN TEMPERATURE, FOR THE THIRD QUARTER OF THE FORTY-ONE YEARS, 1866 TO 1906.

YEARS.	Eastern Districts. 0. Scotland, N.	1. Scotland, E.	2. England, N.E.	3. England, E.	4. Midland Counties.	5. England, S.	Means for Eastern Districts.	Western Districts. 6. Scotland, W.	7. England, N.W. and North Wales.	8. South Wales and England, S.W.	9. Ireland, N.	10. Ireland, S.	Means for Western Districts.	English Channel.	Means for Districts 1-10 combined.
RAINFALL.															
	Days. Ins.	Days. Ins.	Days. Ins.	Days. Ins.	Days. Ins.	Days. Ins.	Days. Ins.	Days. Ins.	Days. Ins.	Days. Ins.	Days. Ins.	Days. Ins.	Days. Ins.	Days Ins.	Days. Ins.	Days. Ins.
Means for 5 years, 1866-1870.	— 10·6	— 8·8	— 8·3	— 6·1	— 7·4	— 7·3	— 7·2	— 10·9	— 9·9	— 10·1	— 9·8	— 8·6	— 9·8	— —	— —	— 8·6
1871-1875	— 13·1	— 10·7	— 8·4	— 7·5	— 9·1	— 8·0	— 8·7	— 13·2	— 12·9	— 14·1	— 12·2	— 10·8	— 12·6	— —	— —	— 10·7
1876-1880	— 9·0	— 8·9	— 9·2	— 9·0	— 10·1	— 8·7	— 9·2	— 11·7	— 12·3	— 11·6	— 11·1	— 10·7	— 11·5	— —	— —	— 10·4
1881-1885	56 7·8	51 7·9	46 7·3	45 7·4	45 7·5	44 6·6	46 7·3	53 11·8	49 9·8	52 10·0	60 10·3	53 10·2	53 10·4	54 7·6	50 8·9
1886-1890	60 10·3	51 7·4	46 7·6	45 7·3	43 6·8	40 6·9	45 7·2	51 10·9	47 9·3	46 9·1	58 10·3	50 9·1	50 9·7	46 7·1	48 8·5
1891-1895	65 14·2	53 9·3	47 7·3	45 7·7	45 7·0	45 8·1	47 7·9	52 12·3	50 10·7	49 10·4	60 10·4	51 10·4	52 10·8	48 8·9	50 9·4
1896	59 13·5	59 9·3	52 6·9	49 8·2	51 8·3	46 9·1	51 8·4	60 13·9	55 11·3	49 10·0	64 13·5	56 12·7	57 12·3	50 9·6	54 10·4
1897	58 12·2	53 7·7	42 7·4	41 6·9	42 7·4	41 6·6	44 7·2	55 11·9	47 10·0	53 11·7	59 10·5	56 11·0	54 11·0	53 9·1	49 9·1
1898	57 13·1	43 6·5	30 3·8	21 2·9	25 4·2	19 2·8	28 4·0	49 11·1	40 7·2	29 5·4	51 8·9	42 9·0	42 8·3	34 3·7	35 6·2
1899	55 12·2	47 7·8	38 5·6	34 5·2	33 5·1	28 5·4	36 5·8	54 10·1	47 8·9	38 6·7	56 8·3	44 8·3	48 8·5	33 4·8	42 7·2
1900	60 12·9	50 9·6	35 7·3	32 5·5	31 6·1	29 4·1	35 6·5	57 14·7	42 9·5	43 6·6	52 8·8	41 9·7	47 9·9	40 4·3	41 8·2
Means for 5 years, 1896-1900.	58 12·8	50 8·1	39 6·2	35 5·7	36 6·2	33 5·6	39 6·4	55 12·3	46 9·4	42 8·1	56 10·0	48 10·1	49 10·0	42 6·3	44 8·2
1901	52 9·9	46 6·9	33 5·4	26 4·2	30 7·6	29 7·2	33 6·3	51 11·8	41 6·4	40 8·6	56 9·4	47 9·6	47 9·2	38 6·6	40 7·8
1902	65 10·1	53 6·9	46 5·4	40 6·8	45 6·4	43 6·8	45 6·5	52 12·6	52 6·4	46 7·4	62 9·6	46 7·8	52 8·8	47 5·8	49 7·7
1903	67 15·3	63 11·3	55 10·1	49 10·6	51 10·2	52 9·9	54 10·4	59 17·2	58 13·3	55 12·4	70 14·2	63 13·3	61 14·1	58 10·8	58 12·3
1904	58 11·5	48 7·3	35 6·1	33 5·6	34 7·4	35 5·7	37 6·4	43 12·4	44 7·8	44 9·5	60 11·7	50 11·1	48 10·5	49 7·5	43 8·5
1905	72 12·1	56 7·5	40 5·8	32 4·9	40 6·1	37 5·6	41 6·0	51 12·2	50 8·3	44 7·5	59 9·1	53 9·1	51 9·2	53 6·5	46 7·6
Means for 5 years, 1901-1905.	63 11·8	53 8·0	42 6·6	36 6·4	40 7·5	39 7·0	42 7·1	51 13·2	49 8·4	46 9·1	61 10·8	52 10·2	52 10·3	49 7·4	47 8·7
1906	56 11·5	46 7·4	33 4·4	24 3·2	30 3·4	28 2·9	32 4·3	49 10·4	43 7·1	38 5·6	54 7·5	49 6·6	47 7·4	30 3·0	39 5·9
Means for 41 years, 1866-1906.	— 11·2	— 8·6	— 7·3	— 7·1	— 7·6	— 7·2	— 7·6	— 12·0	— 10·3	— 10·2	— 10·5	— 9·9	— 10·6	— —	— —	— 9·1
MEAN TEMPERATURE.															
Means for 5 years, 1866-1870.	54°·4	57°·1	57°·0	59°·7	59°·7	60°·1	58°·7	57°·9	59°·0	61°·0	58°·5	59°·5	59°·2	° —		59°·0
1871-1875	54·5	56·7	57·5	59·7	59·6	60·0	58·7	57·7	58·5	60·4	57·2	58·8	58·5	—		58·6
1876-1880	54·1	56·4	57·6	59·6	59·3	60·3	58·6	57·2	58·1	59·9	56·8	59·0	58·2	—		58·4
1881-1885	53·1	56·3	57·3	59·0	58·2	59·9	58·1	55·9	57·2	58·1	56·2	57·2	56·9	59·8		57·6
1886-1890	52·8	55·1	56·7	58·7	57·9	59·6	57·6	55·4	57·0	58·2	56·1	57·6	56·9	60·1		57·3
1891-1895	54·2	55·5	57·3	59·1	58·3	60·2	58·1	56·1	58·0	58·6	56·6	57·8	57·4	61·1		57·8
1896	53·8	55·1	57·6	59·4	58·3	60·9	58·3	56·1	58·1	59·4	56·1	58·1	57·6	61·8		58·0
1897	54·9	55·9	57·4	59·3	58·6	60·9	58·4	56·6	58·3	59·2	56·8	58·1	57·8	61·3		58·1
1898	54·9	56·9	58·7	60·6	60·1	62·3	59·7	57·4	59·2	60·7	58·1	60·3	59·1	63·2		59·4
1899	56·0	57·0	59·1	61·6	61·2	63·4	60·5	57·7	59·9	62·3	58·5	60·3	59·7	64·4		60·1
1900	55·0	55·9	58·7	61·4	60·0	61·7	59·5	56·8	58·8	60·1	57·5	59·0	58·4	62·6		59·0
Means for 5 years, 1896-1900.	54·9	56·2	58·3	60·5	59·6	61·8	59·3	56·9	58·9	60·3	57·4	59·2	58·5	62·7		58·9
1901	56·7	57·9	59·9	61·4	60·8	61·9	60·4	58·2	60·0	60·8	57·6	59·5	59·2	62·5		59·8
1902	52·6	53·8	56·1	58·5	57·3	59·6	57·1	55·0	56·7	58·6	55·9	58·2	56·9	61·0		57·0
1903	52·9	53·8	56·3	58·8	57·2	59·4	57·1	55·3	56·8	58·3	55·6	57·4	56·7	60·4		56·9
1904	54·4	55·3	58·5	60·2	58·6	60·3	58·6	56·4	58·1	59·5	56·3	58·0	57·7	61·1		58·2
1905	54·0	55·7	58·7	60·9	58·6	60·3	58·8	56·2	57·7	58·7	56·2	58·0	57·4	60·9		58·1
Means for 5 years, 1901-1905.	54·1	55·3	57·9	60·0	58·5	60·3	58·4	56·2	57·9	59·2	56·3	58·2	57·6	61·2		58·0
1906	54·7	56·2	59·9	61·9	60·5	61·4	60·0	57·1	58·8	59·7	57·3	59·1	58·4	62·0		59·2
Means for 41 years, 1866-1906.	54·0	56·1	57·5	59·6	58·9	60·3	58·5	56·7	58·1	59·5	56·9	58·4	57·9	—		58·2

TABLE Ia.—SHOWING THE DATES OF THE DRIEST AND WETTEST, AND OF THE COLDEST AND WARMEST CORRESPONDING QUARTERS FOR THE FORTY-ONE YEARS, 1866 TO 1906.

	Eastern Districts.	Western Districts.	Eastern and Western Districts combined.
Rainfall — Driest	Ins. 4·0 in 1898	Ins. 6·4 in 1870	Ins. 5·7 in 1870
Rainfall — Wettest	10·6 in 1879	14·2 in 1872	12·4 in 1879
Temperature — Coldest	55°·7 in 1888	55°·5 in 1888	55°·6 in 1888
Temperature — Warmest	60°·9 in 1868	60°·8 in 1868	60°·9 in 1868

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TABLE II.—SHOWING THE RAINFALL, ACCUMULATED TEMPERATURE, AND BRIGHT SUNSHINE FOR PERIODS OF FOUR WEEKS OR FIVE WEEKS, AND THE PROGRESSIVE VALUES FROM DECEMBER 31ST, 1905, FOR THE THIRD QUARTER, 1906.

1906. — FOUR WEEKS OR FIVE WEEKS ENDING.	0. SCOTLAND, N.		Eastern Districts. 1. SCOTLAND E.		2. ENGLAND, N.E.		3. ENGLAND, E.		4. MIDLAND COUNTIES.		5. ENGLAND, S.		MEANS FOR EASTERN DISTRICTS.		Western Districts. 6. SCOTLAND, W.		7. ENGLAND, N.W. AND NORTH WALES.		8. SOUTH WALES AND ENGLAND, S.W.		9. IRELAND, N.		10. IRELAND, S.		MEANS FOR WESTERN DISTRICTS.		ENGLISH CHANNEL.		MEANS FOR DISTRICTS 1-10 COMBINED.	
	For the Period.	From Dec. 31st, 1905.	For the Period.	From Dec. 31st, 1905.	For the Period.	From Dec. 31st, 1905.	For the Period.	From Dec. 31st, 1905.	For the Period.	From Dec. 31st, 1905.	For the Period.	From Dec. 31st, 1905.	For the Period.	From Dec. 31st, 1905.	For the Period.	From Dec. 31st, 1905.	For the Period.	From Dec. 31st, 1905.	For the Period.	From Dec. 31st, 1905.	For the Period.	From Dec. 31st, 1905.	For the Period.	From Dec. 31st, 1905.	For the Period.	From Dec. 31st, 1905.	For the Period.	From Dec. 31st, 1905.	For the Period.	From Dec. 31st, 1905.
RAINFALL.—NUMBERS OF DAYS WITH RAIN.																														
July 28 -	18	148	15	119	7	104	6	96	9	103	8	101	9	105	18	123	15	116	14	116	18	148	18	136	17	127	11	116	13	117
Aug. 25 -	22	170	21	140	18	122	9	105	13	116	11	112	14	119	22	145	19	135	18	134	23	171	21	157	20	147	12	128	17	134
Sept. 29 -	16	186	10	150	8	130	9	114	8	124	9	121	9	128	9	154	9	144	6	140	13	184	10	167	9	156	7	135	9	143
RAINFALL.—AMOUNTS IN INCHES.																														
July 28 -	4·48	30·59	1·29	16·25	0·71	11·30	0·41	12·30	0·86	13·16	0·61	14·58	0·78	13·52	3·05	25·91	1·49	19·20	1·21	22·72	2·01	21·03	2·19	20·26	1·99	21·81	0·67	15·40	1·39	17·68
Aug. 25 -	4·03	34·62	4·93	21·18	3·02	14·32	1·40	13·70	1·57	14·73	0·99	15·57	2·38	15·90	5·20	31·11	4·25	23·45	3·22	25·94	4·07	25·10	3·44	23·70	4·04	25·85	1·30	16·70	3·21	20·89
Sept. 29 -	2·99	37·61	1·15	22·33	0·68	15·00	1·42	15·12	0·94	15·67	1·31	16·88	1·10	17·00	2·16	33·27	1·32	24·77	1·14	27·08	1·45	26·55	1·03	24·70	1·41	27·26	1·04	17·74	1·25	22·14
ACCUMULATED TEMPERATURE.—DAY-DEGREES ABOVE 42° F.																														
July 28 -	310	936	579	1192	488	1463	533	1598	497	1596	517	1648	483	1499	383	1303	447	1425	469	1589	391	1294	469	1674	432	1457	526	1820	458	1479
Aug. 25 -	375	1311	413	1605	534	1997	616	2214	569	2165	590	2238	544	2043	459	1762	514	1939	535	2124	457	1751	505	2179	494	1951	583	2403	519	1998
Sept. 29 -	432	1743	470	2075	560	2557	609	2823	577	2742	613	2851	566	2609	492	2254	534	2473	566	2690	510	2261	548	2727	530	2481	683	3086	548	2546
ACCUMULATED TEMPERATURE.—DAY-DEGREES BELOW 42° F.																														
July 28 -	0	646	0	624	0	464	0	413	0	486	0	351	0	468	0	419	0	379	0	327	0	355	0	264	0	349	0	79	0	409
Aug. 25 -	0	646	0	624	0	464	0	413	0	486	0	351	0	468	0	419	0	379	0	327	0	355	0	264	0	349	0	79	0	409
Sept. 29 -	0	646	7	631	0	464	0	413	8	494	0	351	3	471	2	421	3	382	0	327	0	355	0	264	1	350	0	79	2	411
BRIGHT SUNSHINE.—NUMBERS OF HOURS.																														
July 28 -	144	766	175	953	212	1032	233	1133	200	983	234	1181	211	1056	189	957	189	958	191	1066	143	851	142	737	171	954	221	1216	191	1006
Aug. 25 -	108	874	111	1064	157	1189	205	1338	175	1158	211	1392	172	1228	121	1078	150	1108	171	1237	123	974	144	1081	142	1096	215	1431	157	1163
Sept. 29 -	174	1048	214	1278	229	1418	255	1593	225	1383	241	1633	233	1461	213	1291	243	1351	259	1496	199	1173	218	1299	226	1322	277	1708	229	1392
BRIGHT SUNSHINE.—PERCENTAGES OF POSSIBLE DURATION.																														
July 28 -	30	27	37	34	46	38	52	42	44	36	53	43	46	38	41	35	41	35	43	39	31	31	32	34	38	35	50	45	42	37
Aug. 25 -	25	27	26	33	38	38	50	43	42	37	52	44	41	39	29	34	36	35	42	40	29	31	35	34	34	35	53	46	38	37
Sept. 29 -	39	29	48	35	51	39	57	44	51	38	54	46	52	41	48	36	51	37	58	42	45	32	49	36	51	37	63	48	51	39

EXPLANATION OF TABLES.

TABLES I. and IA. are in continuation of the Tables given in the Quarterly Summaries of the Weekly Weather Reports, 1884-1905. The whole of the values for 1878-1906, however, have been corrected by information which may have been received since they were first published.

TABLE II. In this Table the values given do not apply to calendar months but to periods of four weeks or five weeks ending at the dates shown.

The figures given in the columns headed "From Dec. 31, 1905" are the values for the whole period elapsed since the beginning of the first week of the year.

In the "Means for Eastern Districts" the values for District 0, and in the "Means for Western Districts" the values for the "English Channel" are not included.

QUARTERLY SUMMARY OF THE WEEKLY WEATHER REPORT, 1906.

Twenty-ninth Year.
Vol. XXIII. [*New Series.*] } Appendix I. FOURTH QUARTER—October to December. [*Price 4d.*

TABLE I.—SUMMARY OF RAINFALL AND MEAN TEMPERATURE, FOR THE THIRD QUARTER OF THE FORTY-ONE YEARS, 1866 TO 1906.

YEARS.	Eastern Districts.														Western Districts.										English Channel.		Means for Districts 1–10 combined.	
	0. Scotland, N.		1. Scotland, E.		2. England, N.E.		3. England, E.		4. Midland Counties.		5. England, S.		Means for Eastern Districts.		6. Scotland, W.		7. England, N.W. and North Wales.		8. South Wales and England, S.W.		9. Ireland, N.		10. Ireland, S.		Means for Western Districts.					
RAINFALL.	Days.	Ins.	Days.	Ins.	Days.	Ins.	Days	Ins.	Days.	Ins.	Days.	Ins.	Days.	Ins.	Days.	Ins.	Days.	Ins.	Days.	Ins.	Days.	Ins.	Days.	Ins.	Days.	Ins.	Days.	Ins.	Days.	Ins.
Means for 5 years, 1866–1870.	—	18·4	—	8·8	—	7·7	—	7·4	—	7·6	—	8·3	—	8·0	—	12·9	—	14·7	—	14·6	—	12·6	—	10·5	—	13·1	—	—	—	10·6
1871–1875	—	17·2	—	10·4	—	7·7	—	7·2	—	7·9	—	9·9	—	8·6	—	13·1	—	13·3	—	16·3	—	11·1	—	12·1	—	13·2	—	—	—	10·9
1876–1880	—	13·8	—	9·1	—	8·1	—	7·2	—	8·1	—	9·5	—	8·4	—	12·8	—	12·0	—	14·1	—	11·0	—	11·3	—	12·2	—	—	—	10·3
1881–1885	68	12·7	54	7·2	55	7·3	59	8·8	55	8·6	52	8·9	55	8·2	58	15·8	56	11·0	62	13·7	64	11·8	61	11·8	60	12·8	67	12·1	58	10·5
1886–1890	71	15·0	57	8·5	53	7·3	51	6·6	50	7·2	52	8·8	53	7·7	58	15·3	59	10·7	62	13·6	64	12·1	59	12·6	60	12·9	69	11·9	57	10·3
1891–1895	67	17·4	53	8·8	54	7·2	55	8·1	53	8·3	54	10·5	54	8·6	59	15·9	58	11·7	59	14·6	64	11·3	58	13·2	60	13·3	64	12·3	57	11·0
1896	71	15·9	62	10·4	68	11·1	61	8·0	58	8·2	57	9·3	61	9·4	58	13·1	57	11·2	63	14·0	62	10·4	58	11·5	60	12·0	76	12·9	61	10·7
1897	59	14·7	47	7·7	43	5·2	37	3·9	42	6·0	37	5·5	41	5·7	55	14·4	44	11·2	44	11·0	54	10·4	42	15·0	42	12·4	46	8·9	45	9·1
1898	71	24·4	59	11·4	52	8·5	48	7·2	50	8·3	48	9·2	51	8·9	62	16·1	63	10·5	64	15·3	69	11·7	64	13·5	64	13·4	68	12·7	58	11·2
1899	67	18·5	48	8·6	40	6·3	38	6·6	35	6·9	34	8·4	39	7·4	59	16·6	41	9·3	45	11·4	58	11·2	50	13·2	51	12·3	46	9·9	45	9·9
1900	76	22·3	71	12·8	60	9·2	60	5·9	61	8·3	59	8·8	62	9·0	72	23·6	64	13·4	69	15·9	71	15·2	67	18·8	69	17·4	71	12·2	65	13·2
Means for 5 years, 1896–1900.	69	19·2	57	10·2	53	8·1	49	6·3	49	7·5	47	8·2	51	8·1	61	16·8	54	11·1	57	13·5	63	11·8	58	14·4	59	13·5	61	11·3	55	10·8
1901	71	15·5	55	8·7	46	9·5	44	7·4	41	6·9	41	6·8	45	7·9	64	17·5	53	11·8	49	9·9	66	12·6	55	10·9	57	12·5	58	10·3	51	10·2
1902	62	15·9	59	8·7	51	6·5	48	4·7	50	7·4	51	7·5	52	7·0	62	18·0	56	9·7	56	12·0	62	10·7	62	12·9	60	12·7	68	10·2	56	9·9
1903	65	16·6	63	10·0	55	10·0	52	7·6	57	9·3	56	11·0	57	9·6	66	19·1	63	13·4	65	15·5	71	12·7	66	12·3	66	14·3	74	13·2	61	12·1
1904	74	14·4	47	4·7	37	4·3	41	4·6	40	4·2	42	6·7	41	4·9	53	11·4	44	8·1	47	9·0	65	9·1	50	7·6	52	9·0	61	10·3	47	7·0
1905	72	14·5	61	9·9	50	6·9	48	5·2	46	5·3	45	7·0	50	6·9	53	12·5	49	8·4	46	8·6	65	10·1	53	7·8	53	9·5	58	9·1	52	8·2
Means for 5 years, 1901–1905.	69	15·4	57	8·4	48	7·4	47	5·9	47	6·6	47	7·8	49	7·2	60	15·7	53	10·3	53	11·0	65	11·0	57	10·3	58	11·7	64	10·6	54	9·5
1906	76	17·6	62	13·1	58	9·6	51	9·1	59	9·6	56	10·9	57	10·5	62	15·0	64	12·3	63	13·6	70	11·5	67	10·7	65	12·6	64	11·8	61	11·5
Means for 41 years, 1866–1906.	—	16·2	—	9·0	—	7·7	—	7·2	—	7·8	—	9·0	—	8·1	—	14·8	—	11·8	—	13·9	—	11·6	—	12·0	—	12·8	—	—	—	10·5
MEAN TEMPERATURE.	°		°		°		°		°		°		°		°		°		°		°		°		°		°		°	
Means for 5 years, 1866–1870.	42·1		42·1		42·5		43·6		43·4		44·2		43·2		43·2		43·8		47·0		44·0		45·2		44·6		—		43·9	
1871–1875	42·4		41·8		42·7		42·9		42·8		43·6		42·8		42·7		43·6		46·3		43·3		45·4		44·3		—		43·6	
1876–1880	41·7		41·6		42·3		42·9		42·4		44·2		42·7		42·9		43·7		47·1		43·6		45·6		44·6		—		43·7	
1881–1885	42·6		42·0		43·4		43·4		43·0		45·1		43·4		43·5		44·1		46·5		43·9		45·6		44·7		49·1		44·1	
1886–1890	42·1		41·8		42·6		42·3		42·1		44·1		42·6		43·6		43·6		45·2		44·2		45·5		44·0		48·7		43·5	
1891–1895	41·9		41·0		43·0		43·7		42·9		45·6		43·2		43·5		44·4		46·2		43·8		45·5		44·7		49·8		44·0	
1896	41·2		40·5		41·9		41·8		40·9		43·5		41·7		42·1		42·5		43·3		42·2		43·3		42·7		47·5		42·2	
1897	43·2		42·9		45·0		44·4		44·2		47·4		44·8		45·8		46·6		48·1		46·2		48·4		47·0		51·5		45·9	
1898	44·3		44·2		47·0		47·4		46·7		49·3		46·9		46·8		48·1		49·5		47·1		48·8		48·1		52·7		47·5	
1899	44·0		42·8		43·9		44·0		42·9		46·2		44·0		44·7		44·8		47·0		46·1		47·6		46·0		51·1		45·0	
1900	43·4		43·2		46·1		46·7		46·0		48·3		46·1		45·3		46·9		48·2		45·5		47·4		46·7		52·2		46·4	
Means for 5 years, 1896–1900.	43·2		42·7		44·8		44·9		44·1		46·9		44·7		44·9		45·8		47·2		45·4		47·1		46·1		51·0		45·4	
1901	41·8		41·1		43·0		43·5		42·3		45·0		43·0		43·2		44·1		45·2		44·4		45·5		44·5		49·6		43·8	
1902	43·9		42·9		44·9		44·7		44·1		45·8		44·5		45·2		45·3		46·6		45·9		47·5		46·1		49·9		45·3	
1903	41·2		40·7		43·0		44·1		42·9		45·4		43·2		43·1		43·9		46·1		43·9		45·1		44·4		49·5		43·8	
1904	42·3		41·9		43·4		44·0		42·6		45·3		43·4		43·7		44·1		46·0		45·0		47·0		45·2		50·5		44·3	
1905	42·0		41·7		42·5		42·4		41·8		43·3		42·3		43·3		43·5		43·8		44·3		45·0		44·0		48·1		43·2	
Means for 5 years, 1901–1905.	42·2		41·7		43·4		43·7		42·7		45·0		43·3		43·7		44·2		45·5		44·7		46·0		44·8		—		44·1	
1906	45·3		43·3		44·9		46·1		44·9		46·8		45·2		44·7		45·5		46·5		45·4		46·8		45·8		50·5		45·5	
Means for 41 years, 1866–1906.	42·3		41·9		43·1		43·5		43·0		44·9		43·3		43·5		44·2		46·4		44·1		45·8		44·8		—		44·1	

TABLE Ia.—SHOWING THE DATES OF THE DRIEST AND WETTEST, AND OF THE COLDEST AND WARMEST CORRESPONDING QUARTERS FOR THE FORTY-ONE YEARS, 1866 TO 1906.

		Eastern Districts.	Western Districts.	Eastern and Western Districts combined.
Rainfall	Driest	Ins. 3·4 in 1879	Ins. 5·0 in 1879	Ins. 4·2 in 1879
	Wettest	13·1 in 1872	18·6 in 1872	15·9 in 1872
Temperature	Coldest	40°3 in 1887	41°9 in 1887	41°1 in 1887
	Warmest	46·9 in 1898	48·1 in 1898	47·5 in 1898

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TABLE II.—SHOWING THE RAINFALL, ACCUMULATED TEMPERATURE, AND BRIGHT SUNSHINE FOR PERIODS OF FOUR WEEKS OR FIVE WEEKS, AND THE PROGRESSIVE VALUES FROM DECEMBER 31ST, 1905, FOR THE FOURTH QUARTER, 1906.

1906. — FOUR WEEKS OR FIVE WEEKS ENDING.	0. SCOTLAND, N.		Eastern Districts. 1. SCOTLAND E.		2. ENGLAND, N.E.		3. ENGLAND, E.		4. MIDLAND COUNTIES.		5. ENGLAND, S.		MEANS FOR EASTERN DISTRICTS.		Western Districts. 6. SCOTLAND, W.		7. ENGLAND, N.W. AND NORTH WALES.		8. SOUTH WALES AND ENGLAND, S.W.		9. IRELAND, N.		10. IRELAND, S.		MEANS FOR WESTERN DISTRICTS.		ENGLISH CHANNEL.		MEANS FOR DISTRICTS 1-10 COMBINED.	
	For the Period.	From Dec. 31st, 1905.	For the Period.	From Dec. 31st, 1905.	For the Period.	From Dec. 31st, 1905.	For the Period.	From Dec. 31st, 1905.	For the Period.	From Dec. 31st, 1905.	For the Period.	From Dec. 31st, 1905.	For the Period.	From Dec. 31st, 1905.	For the Period.	From Dec. 31st, 1905.	For the Period.	From Dec. 31st, 1905.	For the Period.	From Dec. 31st, 1905.	For the Period.	From Dec. 31st, 1905.	For the Period	From Dec. 31st, 1905.	For the Period.	From Dec. 31st, 1905.	For the Period.	From Dec. 31st, 1905.	For the Period.	From Dec. 31st, 1905.
RAINFALL.—NUMBERS OF DAYS WITH RAIN.																														
Oct. 27 -	22	208	21	171	19	149	14	128	20	144	16	137	18	146	21	175	23	167	23	163	23	207	24	191	23	179	20	155	21	164
Nov. 24 -	23	231	20	191	19	168	18	146	19	163	21	158	19	165	16	191	17	184	18	181	21	228	19	210	18	197	18	173	18	182
Dec. 29 -	31	262	21	212	20	188	19	165	20	183	19	177	20	185	25	216	24	208	22	203	26	254	24	234	24	221	26	199	22	204
RAINFALL.—AMOUNTS IN INCHES.																														
Oct. 27 -	4·92	42·53	5·26	27·59	3·74	18·74	2·34	17·46	4·02	19·69	3·13	20·01	3·70	20·70	5·24	38·51	4·98	29·75	5·11	32·19	4·03	30·58	5·08	29·78	4·89	32·15	3·00	20·74	4·30	26·44
Nov. 24 -	4·64	47·17	4·84	32·43	3·68	22·42	4·57	22·03	3·37	23·06	6·05	26·06	4·50	25·20	3·75	42·26	3·12	32·87	4·92	37·11	3·03	33·61	2·68	32·46	3·50	35·65	5·36	26·10	4·00	30·44
Dec. 29 -	8·03	55·20	2·96	35·39	2·21	24·63	2·14	24·17	2·22	25·28	1·76	27·82	2·26	27·46	6·01	48·27	4·23	37·10	3·53	40·64	4·48	38·09	2·90	35·36	4·23	39·88	3·45	29·55	3·24	33·68
ACCUMULATED TEMPERATURE.—DAY-DEGREES ABOVE 42° F.																														
Oct. 27 -	196	1939	211	2285	285	2842	366	3189	297	3039	366	3217	305	2914	241	2495	280	2753	316	3006	237	2498	286	3013	272	2753	424	3510	289	2835
Nov. 24 -	94	2033	90	2375	107	2949	136	3325	116	3155	137	3354	117	3031	102	2597	109	2862	124	3130	114	2612	128	3141	115	2868	213	3723	116	2951
Dec.. 29 -	79	2112	88	2463	71	3020	66	3391	72	3227	75	3429	74	3105	90	2687	86	2948	98	3228	108	2720	136	3277	104	2972	160	3883	89	3040
ACCUMULATED TEMPERATURE.—DAY-DEGREES BELOW 42° F.																														
Oct. 27 -	19	665	21	652	3	467	0	413	4	498	0	351	6	477	6	427	1	383	0	327	11	366	7	271	5	355	0	79	6	417
Nov. 24 -	39	704	53	705	23	490	14	427	40	538	10	361	28	505	27	454	28	411	29	356	34	400	25	296	29	384	0	79	29	446
Dec. 29 -	164	868	169	874	160	650	172	597	152	690	136	497	158	663	128	582	111	521	93	449	83	488	72	368	98	482	25	104	128	574
BRIGHT SUNSHINE.—NUMBERS OF HOURS.																														
Oct. 27 -	72	1120	78	1356	92	1510	116	1709	76	1459	119	1752	96	1557	70	1361	72	1423	86	1582	85	1258	94	1393	81	1403	111	1819	89	1481
Nov. 24 -	37	1157	42	1398	32	1542	45	1754	42	1501	50	1802	42	1599	38	1399	46	1467	78	1660	58	1316	58	1451	56	1459	71	1890	49	1530
Dec. 29 -	14	1171	45	1443	59	1601	57	1811	76	1557	61	1863	56	1655	37	1436	47	1516	51	1714	39	1355	45	1496	44	1503	54	1944	50	1580
BRIGHT SUNSHINE.—PERCENTAGES OF POSSIBLE DURATION.																														
Oct. 27 -	25	28	27	34	31	39	39	44	26	38	40	45	33	40	24	35	24	36	29	41	29	32	32	36	27	36	37	47	30	38
Nov. 24 -	16	28	18	34	13	37	18	42	17	36	20	44	17	39	16	34	19	35	31	40	24	32	24	35	23	35	28	46	20	37
Dec. 29 -	6	27	19	33	23	36	21	41	21	35	22	42	22	38	15	33	18	34	20	39	15	31	17	34	17	34	19	44	19	36

EXPLANATION OF TABLES.

TABLES I. and IA. are in continuation of the Tables given in the Quarterly Summaries of the Weekly Weather Reports, 1884-1905. The whole of the values for 1878-1906, however, have been corrected by information which may have been received since they were first published.

TABLE II. In this Table the values given do not apply to calendar months but to periods of four weeks or five weeks ending at the dates shown.

The figures given in the columns headed "From Dec. 31, 1905" are the values for the whole period elapsed since the beginning of the first week of the year.

In the "Means for Eastern Districts" the values for District 0, and in the "Means for Western Districts" the values for the "English Channel" are not included.

W. N. SHAW, Director.

Meteorological Office, 63, Victoria Street, London, S.W.

SUMMARY OF THE WEEKLY WEATHER REPORT, 1906.

Twenty-ninth Year.
Vol. XXIII. [*New Series.*] } Appendix I. VALUES FOR THE WHOLE YEAR. [*Price 4d.*

TABLE I.—SUMMARY OF RAINFALL AND MEAN TEMPERATURE FOR THE WHOLE YEAR DURING THE FORTY-ONE YEARS, 1866 TO 1906.

YEARS.	0. Scotland, N.		Eastern Districts. 1. Scotland, E.		2. England, N.E.		3. England, E.		4. Midland Counties.		5. England, S.		Means for Eastern Districts.		6. Scotland, W.		Western Districts. 7. England, N.W. and North Wales.		8. South Wales and England, S.W.		9. Ireland, N.		10. Ireland, S.		Means for Western Districts.		English Channel.		Means for Districts 1-10 combined.	
	Days.	Ins.	Days.	Ins.	Days.	Ins.	Days.	Ins.	Days.	Ins.	Days.	Ins.	Days.	Ins.	Days.	Ins.	Days.	Ins.	Days.	Ins.	Days.	Ins.	Days.	Ins.	Days.	Ins.	Days.	Ins.	Days.	Ins.
RAINFALL.																														
Means for 5 years, 1866-1870.	—	50·4	—	32·9	—	25·0	—	23·8	—	27·3	—	29·2	—	27·6	—	43·5	—	42·9	—	45·4	—	41·7	—	37·4	—	42·2	—	—	—	34·9
1871-1875 - -	—	47·8	—	35·4	—	26·5	—	24·6	—	30·1	—	31·4	—	29·6	—	44·7	—	44·0	—	52·0	—	40·3	—	39·6	—	44·1	—	—	—	36·9
1876-1880 - -	—	38·6	—	32·0	—	29·8	—	29·0	—	32·2	—	32·5	—	31·1	—	44·2	—	41·4	—	44·6	—	39·6	—	41·9	—	42·3	—	—	—	36·7
1881-1885 - -	241	37·1	198	26·4	188	25·5	187	27·2	186	29·0	177	27·4	187	27·1	216	48·1	198	36·6	211	40·7	236	38·6	217	41·7	216	41·1	222	33·8	202	34·1
1886-1890 - -	251	44·3	203	27·7	187	24·9	184	23·7	176	25·6	177	26·8	185	25·7	207	45·7	197	33·3	200	37·4	223	37·9	204	38·7	206	38·6	217	32·0	196	32·2
1891-1895 - -	244	52·7	196	30·4	190	24·8	184	25·2	178	25·2	174	27·6	184	26·6	206	45·5	196	35·1	191	38·4	225	36·2	200	39·1	204	38·9	200	33·0	194	32·8
1896 - - -	252	56·2	213	29·5	196	25·3	190	24·9	184	24·6	173	25·8	191	26·0	216	45·4	200	35·2	186	33·7	226	39·2	199	36·3	205	38·1	208	30·2	198	32·1
1897 - - -	231	46·6	204	30·3	183	24·4	174	23·0	178	28·0	168	26·7	180	26·5	222	47·5	199	37·1	206	43·7	234	41·1	219	47·8	215	43·4	218	35·9	201	35·0
1898 - - -	262	66·1	204	29·7	176	21·9	156	20·3	162	22·0	150	21·7	170	23·1	228	46·4	202	33·8	188	35·6	245	37·8	202	39·4	213	38·6	208	28·4	192	30·9
1899 - - -	233	53·3	200	33·0	173	24·3	158	22·4	154	25·2	137	25·0	164	26·0	221	51·9	187	35·6	175	38·7	228	38·4	191	42·7	200	41·5	169	29·1	182	33·8
1900 - - -	260	56·9	224	37·2	188	29·2	189	23·9	183	28·5	175	27·3	192	29·2	237	62·4	202	38·7	213	44·5	242	41·6	217	48·1	222	47·1	219	33·9	207	38·2
Means for 5 years, 1896-1900.	248	55·8	209	31·9	183	25·0	173	22·9	172	25·7	161	25·3	180	26·2	225	50·7	198	36·1	194	39·2	235	39·6	206	43·0	212	41·7	204	31·5	196	34·0
1901 - - -	237	44·3	198	28·5	168	24·6	158	20·9	155	25·4	146	24·2	165	24·7	210	49·6	185	30·0	171	34·9	230	38·4	191	36·9	197	38·0	197	31·7	181	31·4
1902 - - -	254	48·8	216	27·2	185	21·9	179	21·7	181	24·9	179	25·9	188	24·3	229	53·0	213	29·3	198	34·3	250	37·1	212	37·2	220	38·2	215	29·2	204	31·2
1903 - - -	257	65·7	232	39·1	197	31·0	178	30·1	194	34·4	197	35·8	200	34·1	241	66·4	226	44·4	221	48·8	265	47·2	242	48·7	239	51·1	241	38·7	220	42·6
1904 - - -	253	52·0	201	26·0	164	20·3	164	19·6	173	23·7	177	26·3	175	23·2	206	48·1	192	31·3	195	37·3	250	38·5	216	38·8	210	38·8	228	36·0	193	31·0
1905 - - -	275	50·2	218	28·5	169	19·9	170	20·4	174	21·6	170	25·4	180	23·2	206	45·1	192	30·0	185	31·7	238	34·9	213	33·6	207	35·1	213	29·1	194	29·2
Means for 5 years, 1901-1905.	255	52·2	213	29·9	177	23·5	170	22·5	175	26·0	174	27·5	182	25·9	218	52·4	202	33·0	194	37·4	247	39·2	215	39·0	215	40·2	219	32·9	199	33·1
1906 - - -	262	55·2	212	35·5	188	24·6	165	24·2	183	25·3	177	27·7	185	27·5	216	48·3	208	37·1	203	40·7	254	38·1	234	35·4	223	39·9	199	29·5	204	33·7
Means for 41 years, 1866-1906.	—	47·6	—	30·9	—	25·6	—	24·8	—	27·6	—	28·5	—	27·5	—	46·9	—	37·8	—	41·9	—	39·1	—	39·9	—	41·1	—	—	—	34·3
MEAN TEMPERATURE.																														
Means for 5 years, 1866-1870.	45°9		47°2		47°1		49°0		49°1		49°5		48°4		48°1		48°8		51°3		48°9		50°0		48°4		° —		48°9	
1871-1875 - -	46·3		47·1		47·4		48·4		48·8		49·3		48·2		48·1		48·6		50·9		48·4		50·3		49·3		—		48·8	
1876-1880 - -	45·4		46·3		47·1		48·3		48·2		49·3		47·8		47·6		48·1		50·6		47·9		50·1		48·9		—		48·4	
1881-1885 - -	45·3		46·6		47·5		48·5		48·2		49·8		48·1		47·4		48·2		49·7		48·0		49·4		48·5		51·6		48·3	
1886-1890 - -	45·2		46·1		46·8		47·4		47·3		48·8		47·3		47·1		47·6		48·9		47·9		49·3		48·2		51·2		47·8	
1891-1895 - -	45·5		45·7		47·1		48·1		47·9		49·6		47·7		47·4		48·4		49·5		48·1		49·5		48·6		52·2		48·2	
1896 - - -	46·4		46·9		48·1		48·7		48·5		50·3		48·5		48·3		49·2		50·3		48·7		50·3		49·4		52·9		49·0	
1897 - - -	45·8		46·1		47·9		48·9		48·7		50·9		48·5		48·0		49·1		50·7		48·4		50·5		49·3		53·2		48·9	
1898 - - -	46·9		47·7		49·2		50·0		49·7		51·6		49·6		49·2		50·2		51·4		49·7		51·5		50·4		53·9		50·0	
1899 - - -	46·5		46·6		48·3		49·6		49·2		51·4		49·0		48·3		49·5		51·4		49·3		51·2		49·9		54·3		49·5	
1900 - - -	45·9		46·1		48·2		49·5		48·9		50·6		48·7		47·8		48·9		50·2		48·4		49·8		49·0		53·4		48·9	
Means for 5 years, 1896-1900.	46·3		46·7		48·3		49·3		49·0		51·0		48·9		48·3		49·4		50·8		48·9		50·6		49·6		53·5		49·3	
1901 - - -	46·4		46·4		47·9		48·5		48·1		49·6		48·1		47·8		48·6		49·7		48·1		49·5		48·7		52·4		48·4	
1902 - - -	45·1		45·2		47·2		48·2		47·7		49·3		47·5		47·1		47·9		49·4		48·0		49·8		48·4		52·1		48·0	
1903 - - -	45·3		45·7		47·7		49·3		48·3		50·2		48·2		47·6		48·6		50·2		48·1		49·7		48·8		52·5		48·5	
1904 - - -	45·9		46·0		48·1		49·1		48·0		49·7		48·2		47·6		48·3		49·9		48·0		49·8		48·7		51·5		48·5	
1905 - - -	45·9		46·6		48·2		49·2		48·3		49·6		48·4		48·0		48·6		49·4		48·8		50·1		49·0		52·2		48·7	
Means for 5 years, 1901-1905.	45·7		46·0		47·8		48·9		48·1		49·7		48·1		47·6		48·4		49·7		48·2		49·8		48·7		52·1		48·4	
1906 - - -	45·6		46·5		48·7		49·9		49·2		50·2		48·9		48·0		48·8		49·7		48·3		50·1		49·0		52·5		49·0	
Means for 41 years, 1866-1906.	45·7		46·4		47·5		48·5		48·4		49·6		48·1		47·7		48·5		50·2		48·3		49·9		48·9		—		48·5	

TABLE Ia.—SHOWING THE DATES OF THE DRIEST AND WETTEST, AND OF THE COLDEST AND WARMEST YEARS FOR THE FORTY-ONE YEARS, 1866 TO 1906.

		Eastern Districts.	Western Districts.	Eastern and Western Districts combined.
Rainfall	Driest	Ins. 21·0 in 1887	Ins. 30·5 in 1887	Ins. 25·8 in 1887
	Wettest	40·2 in 1872	58·0 in 1872	49·1 in 1872
Temperature	Coldest	45°5 in 1879	46°9 in 1879	46°2 in 1879
	Warmest	50·1 in 1868	50·7 in 1868	50·4 in 1868

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NOTES.

1.—Rainfall.

The values for the Rainfall in the Districts given in Table I. in the various Quarterly and Annual Summaries have been obtained from the observations published in the Weekly Weather Report for the years 1866–1877, supplemented by observations taken at the following stations for the years 1878 to 1906,

Districts.		Stations.
0. SCOTLAND, N.		Loch Broom. Helmsdale. Sandwick Manse.
1. SCOTLAND, E.		Inverness. Aberdeen. Ballater. Logierait. Stirling. Hawick.
2. ENGLAND, N.E.		North Shields. York. Grimsby. Boston.
3. ENGLAND, E.	1866 to 1875.	Fakenham. Beccles. Witham. Bury St. Edmunds.
	1876 & 1877.	Great Yarmouth. Cambridge. Bury St. Edmunds.
4. MIDLAND COUNTIES		Leicester. Derby. Tenbury. Shiffnal. Cirencester. Banbury. Hitchin.
5. ENGLAND, S.		Bridport. Selborne. Maidstone. London (Camden Town).
6. SCOTLAND, W.		Dumfries. Ayr. Castle Toward.
7. ENGLAND, N.W., and N. WALES		Llandudno. Manchester. Skipton.
8. ENGLAND, S.W., and S. WALES		Barnstaple. Bodmin. Haverfordwest. Rhayader.
9. IRELAND, N.		Galway. Bunninadden, Co. Sligo. (Doo Castle.) Waringstown. Strabane.
10. IRELAND, S.		Cork. Waterford. Killaloe. Portarlington. Monkstown, Co. Dublin.

The values for these stations were extracted chiefly from Symons' Monthly Meteorological Magazine, or from the Reports of the Rainfall Committee of the British Association, 1868–1876.

2.—Temperature.

The values for Temperature in the several Districts given in Table I. of the various Quarterly and Annual Summaries have been obtained from the observations published in the Weekly Weather Report for the years 1878–1906, supplemented by observations taken at the following stations for the years 1866–1877.

Districts.		Stations.
0. SCOTLAND, N.		Sandwick Manse. Stornoway. Dunrobin.
1. SCOTLAND, E.		Culloden. Aberdeen. Perth. Leith.
2. ENGLAND, N.E.		Bywell. North Shields. Hull.
3. ENGLAND, E.		Royston. Holkham. Norwich. Wisbeach. Somerleyton.
4. MIDLAND COUNTIES		Derby. Nottingham. Cardington. Oxford.
5. ENGLAND, S.		Marlborough. Greenwich. Streatley. London (Camden Town). Weybridge. Strathfield Turgiss. Osborne. Bournemouth. Worthing.
6. SCOTLAND, W.		Greenock. Cockermouth. Silloth. Carlisle.
7. ENGLAND, N.W., and N. WALES		Stonyhurst. Bradford. Leeds. Eccles. Liverpool. Llandudno.
8. ENGLAND, S.W., and S. WALES		Gloucester. Taunton. Barnstaple. Truro. Helston
9. IRELAND, N.	1866 to 1873.	Belfast. Milltown (Banbridge). Armagh.† Athlone.*
	1874 to 1877.	Moville. Milltown. Armagh. Donaghadee.
10. IRELAND, S.	1866 to 1873.	Dublin.* Curragh Camp. Buttevant.* Cork. Valencia.†
	1874 to 1877.	Kingstown. Parsonstown. Cork. Roche's Point. Valencia.

The values for these Stations were obtained mainly from the returns of the Registrar General, the Journals of the Scottish Meteorological Society, the reports of the Army Medical Department, and the records of the two Irish observatories, Valencia and Armagh. The returns for Cork were furnished by R. Caulfield, Esq., LL.D.

* Did not commence till January 1867.

† Did not commence till January 1869.

W. N. SHAW, Director.

Meteorological Office, 63, Victoria Street, London, S.W.

SUPPLIED BY THE PUBLIC SERVICE

WEEKLY WEATHER REPORT, 1906.

Twenty-ninth Year. VOL. XXIII. [*New Series.*] } APPENDIX II. } RAIN-DAYS, RAINFALL, ACCUMULATED TEMPERATURE AND SUNSHINE. [*Price* 1*s.*

TABLE I.—SHOWING THE WEEKLY AND PROGRESSIVE NUMBERS OF RAIN-DAYS IN EACH DISTRICT DURING THE YEAR 1906.

1906		0. Scotland, N.		Eastern Districts.										Western Districts.															
				1. Scotland, E.		2. England, N.E.		3. England, E.		4. Midland Counties.		5. England, S.		Means for Eastern Districts.		6. Scotland, W.		7. England, N.W. and North Wales.		8. South Wales and England, S.W.		9. Ireland, N.		10. Ireland, S.		Means for Western Districts.		11. English Channel.		Means for Districts 1-10 combined.	
No. of Week.	Limiting Dates of each Week.	For the Week.	From Dec. 31, 1905.	For the Week.	From Dec. 31, 1905.	For the Week.	From Dec. 31, 1905.	For the Week.	From Dec. 31, 1905.	For the Week.	From Dec. 31, 1905.	For the Week.	From Dec. 31, 1905.	For the Week.	From Dec. 31, 1905.	For the Week.	From Dec. 31, 1905.	For the Week.	From Dec. 31, 1905.	For the Week.	From Dec. 31, 1905.	For the Week.	From Dec. 31, 1905.	For the Week.	From Dec. 31, 1905.	For the Week.	From Dec. 31, 1905.	For the Week.	From Dec. 31, 1905.
	NUMBERS OF RAIN-DAYS—1906.																												
	1906.																												
1	Dec. 31/5-Jan. 6/6	4	4	4	4	5	5	4	4	6	6	6	6	5	5	5	5	6	6	7	7	7	7	7	7	6	6	7	7	6	6
2	Jan. 7-13 -	6	10	5	9	5	10	6	10	6	12	6	12	5	10	6	11	6	12	6	13	7	14	7	14	6	12	7	14	5	11
3	14-20 -	7	17	5	14	5	15	5	15	5	17	6	18	5	15	6	17	6	18	6	19	7	21	6	20	6	18	6	20	6	17
4	21-27 -	6	23	2	16	2	17	3	18	2	19	4	22	3	18	4	21	3	21	3	22	5	26	4	24	4	22	4	24	3	20
5	Jan. 28-Feb. 3	7	30	5	21	3	20	4	22	3	22	4	26	4	22	5	26	4	25	5	27	7	33	5	29	5	27	6	30	5	25
6	Feb. 4-10 -	6	36	5	26	5	25	5	27	4	26	4	30	4	26	6	32	5	30	4	31	6	39	6	35	5	32	5	35	4	29
7	11-17 -	6	42	3	29	5	30	6	33	5	31	6	36	5	31	5	37	5	35	6	37	5	44	6	41	5	37	7	42	5	34
8	18-24 -	4	46	3	32	3	33	4	37	4	35	5	41	4	35	3	40	3	38	5	42	5	49	6	47	5	42	6	48	5	39
9	Feb. 25-Mar. 3	6	52	4	36	4	37	4	41	5	40	4	45	4	39	5	45	5	43	5	47	6	55	5	52	5	47	6	54	5	44
10	Mar. 4-10 -	6	58	5	41	3	40	3	44	4	44	3	48	4	43	5	50	5	48	5	52	6	61	6	58	5	52	3	57	4	48
11	11-17 -	6	64	5	46	4	44	5	49	5	49	6	54	5	48	5	55	6	54	6	58	6	67	6	64	6	58	5	62	6	54
12	18-24 -	5	69	6	52	6	50	6	55	4	53	6	60	6	54	2	57	2	56	2	60	4	71	2	66	3	61	6	68	4	58
13	25-31 -	5	74	3	55	2	52	2	57	2	55	2	62	2	56	1	58	1	57	1	61	2	73	1	67	1	62	2	70	2	60
14	April 1-7 -	2	76	1	56	1	53	0	57	1	56	1	63	1	57	1	59	1	58	1	62	3	76	2	69	2	64	2	72	2	62
15	8-14 -	2	78	1	57	2	55	1	58	1	57	0	63	1	58	1	60	1	59	1	63	2	78	2	71	1	65	0	72	1	63
16	15-21 -	6	84	5	62	3	58	3	61	2	59	2	65	3	61	5	65	3	62	3	66	6	84	4	75	4	69	3	75	3	66
17	22-28 -	7	91	5	67	6	64	4	65	5	64	4	69	5	66	5	70	5	67	6	72	7	91	6	81	6	75	5	80	6	72
18	April 29-May 5	6	97	5	72	6	70	4	69	6	70	5	74	5	71	6	76	5	72	6	78	7	98	7	88	6	81	6	86	6	78
19	May 6-12 -	5	102	4	76	3	73	2	71	3	73	2	76	3	74	5	81	4	76	3	81	4	102	3	91	4	85	4	90	3	81
20	13-19 -	6	108	7	83	5	78	3	74	3	76	2	78	4	78	5	86	5	81	3	84	5	107	3	94	4	89	1	91	4	85
21	20-26 -	5	113	5	88	5	83	4	78	5	81	5	83	5	83	5	91	6	87	6	90	6	113	5	99	6	95	6	97	5	90
22	May 27-June 2	5	118	5	93	4	87	4	82	4	85	4	87	4	87	5	96	5	92	4	94	6	119	5	104	5	100	3	100	5	95
23	June 3-9 -	1	119	1	94	0	87	0	82	0	85	0	87	0	87	0	96	0	92	0	94	0	119	1	105	0	100	0	100	0	95
24	10-16 -	1	120	2	96	3	90	3	85	3	88	3	90	3	90	1	97	2	94	2	96	1	120	2	107	2	102	2	102	2	97
25	17-23 -	3	123	4	100	4	94	2	87	3	91	1	91	3	93	4	101	4	98	3	99	5	125	6	113	4	106	1	103	4	101
26	24-30 -	7	130	4	104	3	97	3	90	3	94	2	93	3	96	4	105	3	101	3	102	5	130	5	118	4	110	2	105	3	104
27	July 1-7 -	2	132	3	107	2	99	0	90	1	95	0	93	1	97	4	109	3	104	3	105	3	133	5	123	4	114	2	107	3	107
28	8-14 -	5	137	4	111	2	101	2	92	3	98	3	96	3	100	4	113	4	108	4	109	4	137	4	127	4	118	2	109	3	110
29	15-21 -	7	144	5	116	1	102	3	95	2	100	4	100	3	103	6	119	4	112	4	113	6	143	4	131	5	123	5	114	4	114
30	22-28 -	4	148	3	119	2	104	1	96	3	103	1	101	2	105	4	123	4	116	3	116	5	148	5	136	4	127	2	116	3	117
31	July 29-Aug. 4	5	153	5	124	4	108	3	99	3	106	3	104	3	108	5	128	4	120	5	121	6	154	6	142	5	132	3	119	4	121
32	Aug. 5-11 -	5	158	4	128	4	112	2	101	2	108	2	106	3	111	5	133	4	124	4	125	6	160	5	147	5	137	3	122	4	125
33	12-18 -	6	164	6	134	6	118	3	104	5	113	4	110	5	116	6	139	6	130	5	130	6	166	5	152	5	142	3	125	5	130
34	19-25 -	6	170	6	140	4	122	1	105	3	116	2	112	3	119	6	145	5	135	4	134	5	171	5	157	5	147	3	128	4	134
35	Aug. 26-Sept. 1	3	173	1	141	1	123	0	105	0	116	0	112	0	119	1	146	1	136	0	134	1	172	1	158	1	148	0	128	1	135
36	Sept. 2-8 -	6	179	4	145	1	124	1	106	1	117	1	113	2	121	3	149	3	139	1	135	5	177	3	161	3	151	2	130	2	137
37	9-15 -	6	185	4	149	2	126	2	108	4	121	4	117	3	124	4	153	4	143	5	140	5	182	5	166	4	155	4	134	4	141
38	16-22 -	1	186	1	150	4	130	6	114	3	124	4	121	4	128	1	154	1	144	0	140	1	183	1	167	1	156	1	135	2	143
39	23-29 -	0	186	0	150	0	130	0	114	0	124	0	121	0	128	0	154	0	144	0	140	1	184	0	167	0	156	0	135	0	143
40	Sept. 30-Oct. 6	4	190	4	154	4	134	3	117	4	128	3	124	4	132	4	158	5	149	6	146	5	189	6	173	5	161	5	140	5	148
41	Oct. 7-13 -	6	196	6	160	5	139	4	121	6	134	5	129	5	137	6	164	7	156	6	152	6	195	6	179	6	167	6	146	5	153
42	14-20 -	5	201	6	166	5	144	3	124	5	139	5	134	5	142	6	170	6	162	6	158	6	201	6	185	6	173	6	152	6	159
43	21-27 -	7	208	5	171	5	149	4	128	5	144	3	137	4	146	5	175	5	167	5	163	6	207	6	191	6	179	3	155	5	164
44	Oct. 28-Nov. 3	6	214	6	177	7	156	6	134	6	150	6	143	6	152	6	181	6	173	5	168	7	214	6	197	6	185	6	161	6	170
45	Nov. 4-10 -	5	219	5	182	6	162	5	139	5	155	6	149	5	157	2	183	3	176	4	172	4	218	4	201	4	189	5	166	4	174
46	11-17 -	6	225	4	186	3	165	3	142	4	159	4	153	4	161	4	187	4	180	4	176	5	223	5	206	4	193	4	170	4	178
47	18-24 -	6	231	5	191	3	168	4	146	4	163	5	158	4	165	4	191	4	184	5	181	5	228	4	210	4	197	3	173	4	182
48	Nov. 25-Dec. 1	7	238	5	196	3	171	3	149	4	167	2	160	4	169	6	197	5	189	6	187	6	234	5	215	6	203	5	178	5	187
49	Dec. 2-8 -	7	245	5	201	5	176	5	154	5	172	4	164	5	174	6	203	6	195	4	191	6	240	6	221	5	208	6	184	5	192
50	9-15 -	6	251	5	206	4	180	4	158	5	177	4	168	4	178	6	209	6	201	5	196	6	246	6	227	6	214	6	190	5	197
51	16-22 -	5	256	2	208	3	183	2	160	2	179	2	170	2	180	2	211	1	202	2	198	2	248	1	228	2	216	3	193	2	199
52	Dec. 23-29 -	6	262	4	212	5	188	5	165	4	183	7	177	5	185	5	216	6	208	5	203	6	254	6	234	5	221	6	199	5	204

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TABLE II.—SHOWING THE WEEKLY AND PROGRESSIVE AMOUNTS OF RAINFALL IN EACH DISTRICT DURING THE YEAR 1906.

1906.		0. Scotland, N.		Eastern Districts.										Western Districts.												11. English Channel.		Means for Districts 1-10 combined.	
				1. Scotland, E.		2. England, N.E.		3. England, E.		4. Midland Counties.		5. England, S.		Means for Eastern Districts.		6. Scotland, W.		7. England, N.W. and North Wales.		8. South Wales and England, S.W.		9. Ireland, N.		10. Ireland, S.		Means for Western Districts.					
No. of Week.	Limiting Dates of each Week.	For the Week.	From Dec. 31, 1905.	For the Week.	From Dec. 31, 1905.	For the Week.	From Dec. 31, 1905.	For the Week.	From Dec. 31, 1905.	For the Week.	From Dec. 31, 1905.	For the Week.	From Dec. 31, 1905.	For the Week.	From Dec. 31, 1905.	For the Week.	From Dec. 31, 1905.	For the Week.	From Dec. 31, 1905.	For the Week.	From Dec. 31, 1905.	For the Week.	From Dec. 31, 1905.	For the Week.	From Dec. 31, 1905.	For the Week.	From Dec. 31, 1905.	For the Week.	From Dec. 31, 1905.
		Rainfall in Inches—1906.																											
	1906.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1	Dec.31/5-Jan.6/6	0·20	0·20	0·68	0·68	0·90	0·90	1·00	1·00	1·45	1·45	1·88	1·88	1·18	1·18	1·06	1·06	1·26	1·26	2·89	2·69	0·94	0·94	2·10	2·10	1·61	1·61	1·30	1·30	1·40	1·40
2	Jan. 7-13 –	1·78	1·98	0·74	1·42	0·58	1·48	1·08	2·08	1·15	2·60	1·34	3·22	0·98	2·16	1·82	2·88	1·29	2·55	2·07	4·76	1·50	2·44	1·44	3·54	1·62	3·23	1·89	3·19	1·30	2·70
3	14-20 –	2·28	4·26	0·79	2·21	0·80	2·28	0·90	2·98	0·95	3·55	1·22	4·44	0·93	3·09	1·89	4·77	1·74	4·29	1·58	6·34	1·57	4·01	1·63	5·17	1·68	4·91	0·87	4·06	1·30	4·00
4	21-27 –	2·48	6·74	0·35	2·56	0·10	2·38	0·31	3·29	0·24	3·79	0·38	4·82	0·28	3·37	0·93	5·70	0·39	4·68	0·59	6·93	0·37	4·38	0·19	5·36	0·50	5·41	0·42	4·48	0·39	4·39
5	Jan. 28-Feb. 3	1·32	8·06	0·73	3·29	0·15	2·53	0·29	3·58	0·15	3·94	0·16	4·98	0·29	3·66	1·20	6·90	0·68	5·36	0·38	7·31	1·21	5·59	0·28	5·64	0·75	6·16	0·31	4·79	0·52	4·91
6	Feb. 4-10 –	1·81	9·87	0·74	4·03	0·32	2·85	0·53	4·11	0·46	4·40	0·44	5·42	0·50	4·16	1·11	8·01	1·23	6·59	0·79	8·10	0·96	6·55	0·76	6·40	0·97	7·13	0·39	5·18	0·73	5·64
7	11-17 –	1·15	11·02	0·40	4·43	0·34	3·19	0·75	4·86	0·51	4·91	1·11	6·53	0·62	4·78	0·95	8·96	0·55	7·14	1·40	9·50	0·68	7·23	0·80	7·20	0·88	8·01	1·40	6·58	0·75	6·39
8	18-24 –	0·65	11·67	0·35	4·78	0·37	3·56	0·37	5·23	0·37	5·28	0·62	7·15	0·42	5·20	0·99	9·95	0·58	7·72	1·37	10·87	0·64	7·87	1·09	8·29	0·93	8·94	1·18	7·76	0·68	7·07
9	Feb. 25-Mar. 3	1·41	13·08	0·21	4·99	0·52	4·08	0·37	5·60	0·63	5·91	0·31	7·46	0·41	5·61	0·94	10·89	0·84	8·56	0·71	11·58	0·80	8·67	0·48	8·77	0·75	9·69	0·87	8·63	0·58	7·65
10	Mar. 4-10 –	1·76	14·84	0·59	5·58	0·24	4·32	0·24	5·84	0·47	6·38	0·41	7·87	0·39	6·00	1·22	12·11	1·22	9·78	1·02	12·60	1·03	9·70	1·21	9·98	1·14	10·83	0·29	8·92	0·77	8·42
11	11-17 –	2·09	16·93	1·05	6·63	0·28	4·60	0·39	6·23	0·49	6·87	0·49	8·36	0·54	6·54	1·74	13·85	1·23	11·04	1·15	13·75	1·31	11·01	0·77	10·75	1·25	12·08	0·51	9·43	0·89	9·31
12	18-24 –	0·32	17·25	0·47	7·10	0·57	5·17	0·47	6·70	0·19	7·06	0·42	8·78	0·42	6·96	0·20	14·05	0·12	11·16	0·07	13·82	0·18	11·19	0·07	10·82	0·13	12·21	0·55	9·98	0·28	9·59
13	25-31 –	0·22	17·47	0·16	7·26	0·12	5·29	0·13	6·83	0·08	7·14	0·15	8·93	0·13	7·09	0·04	14·09	0·04	11·20	0·02	13·84	0·07	11·26	0·05	10·87	0·04	12·25	0·06	10·04	0·08	9·67
14	April 1-7 –	0·17	17·64	0·06	7·32	0·06	5·35	0·00	6·83	0·04	7·18	0·10	9·03	0·05	7·14	0·12	14·21	0·01	11·21	0·11	13·95	0·44	11·70	0·49	11·36	0·23	12·48	0·18	10·22	0·14	9·81
15	8-14 –	0·25	17·89	0·03	7·35	0·08	5·43	0·06	6·89	0·08	7·26	0·00	9·03	0·05	7·19	0·08	14·29	0·05	11·26	0·07	14·02	0·15	11·85	0·08	11·44	0·09	12·57	0·00	10·22	0·07	9·88
16	15-21 –	1·78	19·67	0·93	8·28	0·12	5·55	0·15	7·04	0·08	7·34	0·25	9·28	0·31	7·50	0·94	15·23	0·23	11·49	0·11	14·13	0·57	12·42	0·15	11·59	0·40	12·97	0·23	10·45	0·35	10·23
17	22-28 –	0·96	20·63	0·40	8·68	0·42	5·97	0·41	7·45	0·52	7·86	0·42	9·70	0·43	7·93	0·81	16·04	0·81	12·30	0·81	14·94	1·07	13·49	0·72	12·31	0·84	13·81	0·51	10·96	0·64	10·87
18	April 29-May 5	0·83	21·46	0·68	9·36	0·43	6·40	0·33	7·78	0·61	8·47	0·64	10·34	0·54	8·47	1·64	17·68	0·71	13·01	1·49	16·43	1·27	14·76	1·40	13·71	1·30	15·11	1·08	12·04	0·92	11·79
19	May 6-12 –	0·71	22·17	0·89	10·25	0·43	6·83	0·26	8·04	0·20	8·67	0·18	10·52	0·39	8·86	0·78	18·46	0·89	13·90	0·21	16·64	0·27	15·03	0·31	14·02	0·49	15·60	0·19	12·23	0·44	12·23
20	13-19 –	1·22	23·39	2·11	12·36	1·68	8·51	0·37	8·41	0·35	9·02	0·14	10·66	0·93	9·79	0·91	19·37	0·91	14·81	0·52	17·16	0·76	15·79	0·27	14·29	0·67	16·27	0·11	12·34	0·80	13·03
21	20-26 –	0·67	24·06	1·00	13·36	0·47	8·98	0·77	9·18	0·85	9·87	1·17	11·83	0·85	10·64	1·20	20·57	0·91	15·72	1·64	18·80	0·82	16·61	1·21	15·50	1·16	17·43	1·17	13·51	1·01	14·04
22	May 27-June 2	0·84	24·90	0·68	14·04	0·22	9·27	0·34	9·52	0·34	10·21	0·30	12·13	0·39	11·03	0·96	21·53	0·59	16·31	0·48	19·28	0·88	17·49	0·50	16·00	0·68	18·11	0·14	13·65	0·54	14·58
23	June 3-9 –	0·02	24·92	0·05	14·09	0·00	9·27	0·00	9·52	0·00	10·21	0·00	12·13	0·01	11·04	0·00	21·53	0·00	16·31	0·00	19·28	0·00	17·49	0·02	16·02	0·00	18·11	0·00	13·65	0·00	14·58
24	10-16 –	0·03	24·95	0·23	14·32	0·55	9·82	0·36	9·88	0·54	10·75	0·36	12·49	0·41	11·45	0·15	21·68	0·17	16·48	0·37	19·65	0·08	17·57	0·12	16·14	0·18	18·29	0·09	13·74	0·30	14·88
25	17-23 –	0·25	25·20	0·38	14·70	0·50	10·32	0·32	10·20	0·53	11·28	0·30	12·79	0·41	11·86	0·66	22·34	0·67	17·05	0·61	20·26	0·94	18·51	1·06	17·20	0·77	19·06	0·04	13·78	0·59	15·47
26	24-30 –	0·91	26·11	0·26	14·96	0·27	10·59	1·69	11·89	1·02	12·30	1·18	13·97	0·88	12·74	0·52	22·86	0·66	17·71	1·25	21·51	0·51	19·02	0·87	18·07	0·76	19·82	0·95	14·73	0·82	16·29
27	July 1-7 –	0·08	26·19	0·21	15·17	0·17	10·76	0·00	11·89	0·05	12·35	0·02	13·99	0·09	12·83	0·52	23·38	0·17	17·88	0·16	21·67	0·37	19·39	0·59	18·66	0·36	20·18	0·04	14·77	0·23	16·52
28	8-14 –	0·60	26·79	0·33	15·50	0·13	10·89	0·10	11·99	0·29	12·64	0·18	14·17	0·21	13·04	0·64	24·02	0·58	18·46	0·30	21·97	0·49	19·88	0·41	19·07	0·49	20·67	0·17	14·94	0·35	16·87
29	15-21 –	3·28	30·07	0·49	15·99	0·05	10·94	0·15	12·14	0·11	12·75	0·23	14·40	0·21	13·25	1·40	25·42	0·48	18·94	0·41	22·38	0·59	20·47	0·34	19·41	0·64	21·31	0·38	15·32	0·42	17·29
30	22-28 –	0·52	30·59	0·26	16·25	0·36	11·30	0·16	12·30	0·41	13·16	0·18	14·58	0·27	13·52	0·49	25·91	0·26	19·20	0·34	22·72	0·56	21·03	0·85	20·26	0·50	21·81	0·08	15·40	0·39	17·68
31	July 29-Aug. 4	1·62	32·21	1·60	17·85	0·72	12·02	0·33	12·63	0·35	13·51	0·18	14·76	0·64	14·16	1·49	27·40	1·27	20·47	1·19	23·91	1·01	22·04	1·49	21·75	1·29	23·10	0·33	15·73	0·97	18·65
32	Aug. 5-11 –	0·54	32·75	0·85	18·70	0·87	12·89	0·43	13·06	0·22	13·73	0·07	14·83	0·49	14·65	0·69	28·09	0·41	20·88	0·23	24·14	0·88	22·90	0·38	22·13	0·52	23·62	0·12	15·85	0·50	19·15
33	12-18 –	0·75	33·50	1·08	19·78	0·74	13·63	0·41	13·47	0·62	14·35	0·53	15·36	0·67	15·32	1·36	29·45	1·51	22·39	1·15	25·29	0·96	23·86	0·83	22·96	1·16	24·78	0·65	16·50	0·92	20·07
34	19-25 –	1·12	34·62	1·40	21·18	0·69	14·32	0·23	13·70	0·38	14·73	0·21	15·57	0·58	15·90	1·06	31·11	1·06	23·45	0·65	25·94	1·24	25·10	0·74	23·70	1·07	25·85	0·20	16·70	0·82	20·89
35	Aug. 26-Sept. 1	0·17	34·79	0·09	21·27	0·02	14·34	0·00	13·70	0·00	14·73	0·00	15·57	0·02	15·92	0·08	31·19	0·03	23·48	0·00	25·94	0·02	25·12	0·01	23·71	0·03	25·88	0·00	16·70	0·03	20·92
36	Sept. 2-8 –	1·46	36·25	0·45	21·72	0·01	14·35	0·20	13·90	0·04	14·77	0·46	16·03	0·23	16·15	0·75	31·94	0·30	23·78	0·07	26·01	0·35	25·47	0·28	23·99	0·35	26·23	0·31	17·01	0·29	21·21
37	9-15 –	1·34	37·59	0·57	22·29	0·44	14·79	0·52	14·42	0·75	15·52	0·61	16·64	0·58	16·73	1·27	33·21	0·92	24·70	1·07	27·08	0·99	26·46	0·70	24·69	0·99	27·22	0·69	17·70	0·78	21·99
38	16-22 –	0·02	37·61	0·04	22·33	0·21	15·00	0·70	15·12	0·15	15·67	0·24	16·88	0·27	17·00	0·06	33·27	0·07	24·77	0·00	27·08	0·02	26·48	0·01	24·70	0·03	27·25	0·04	17·74	0·15	22·14
39	23-29 –	0·00	37·61	0·00	22·33	0·00	15·00	0·00	15·12	0·00	15·67	0·00	16·88	0·00	17·00	0·00	33·27	0·00	24·77	0·00	27·08	0·07	26·55	0·00	24·70	0·01	27·26	0·00	17·74	0·00	22·14
40	Sept. 30-Oct. 6	0·28	37·89	0·46	22·79	0·87	15·87	0·92	16·04	1·51	17·18	1·05	17·93	0·96	17·96	1·00	34·27	1·28	26·05	2·45	29·53	0·74	27·29	1·43	26·13	1·38	28·64	0·71	18·45	1·17	23·31
41	7-13 –	0·99	38·88	1·30	24·09	0·63	16·50	0·63	16·67	0·99	18·17	1·14	19·07	0·94	18·90	1·23	35·50	0·85	26·90	1·09	30·62	1·06	28·35	1·38	27·51	1·12	29·76	1·27	19·72	1·03	24·34
42	14-20 –	1·71	40·59	2·42	26·51	1·82	18·32	0·41	17·08	1·20	19·37	0·72	19·79	1·31	20·21	1·00	36·50	1·79	28·69	1·06	31·68	0·64	28·99	0·74	28·25	1·05	30·81	0·88	20·60	1·18	25·52
43	21-27 –	1·94	42·53	1·08	27·59	0·42	18·74	0·38	17·46	0·32	19·69	0·22	20·01	0·49	20·70	2·01	38·51	1·06	29·75	0·51	32·19	1·59	30·58	1·53	29·78	1·34	32·15	0·14	20·74	0·92	26·44
44	Oct. 28-Nov. 3	0·83	43·36	1·96	29·55	1·96	20·70	1·39	18·85	0·84	20·53	1·99	22·00	1·63	22·33	0·88	39·39	1·20	30·95	1·30	33·49	1·18	31·76	0·96	30·74	1·10	33·25	1·29	22·03	1·37	27·81
45	Nov. 4-10 –	0·54	43·90	1·08	30·63	0·97	21·67	2·18	21·03	1·52	22·05	2·30	24·30	1·61	23·94	0·20	39·59	0·24	31·19	1·36	34·85	0·19	31·95	0·39	31·13	0·48	33·73	2·19	24·22	1·04	28·85
46	11-17 –	1·18	45·08	0·70	31·33	0·49	22·16	0·67	21·70	0·52	22·57	0·95	25·25	0·66	24·60	1·04	41·23	1·13	32·32	1·01	35·86	0·98	32·93	0·72	31·85	1·10	34·83	0·79	25·01	0·88	29·73
47	18-24 –	2·09	47·17	1·10	32·43	0·26	22·42	0·33	22·03	0·49	23·06	0·81	26·06	0·60	25·20	1·03	42·26	0·55	32·87	1·25	37·11	0·68	33·61	0·61	32·46	0·82	35·65	1·09	26·10	0·71	30·44
48	Nov. 25-Dec. 1	2·56	49·73	0·77	33·20	0·11	22·53	0·18	22·21	0·18	23·24	0·12	26·18	0·27	25·47	1·57	43·83	0·98	33·85	0·52	37·63	1·01	34·62	0·28	32·74	0·87	36·52	0·52	26·62	0·57	31·01
49	Dec. 2-8 –	2·73	52·46	0·53	33·73	0·35	22·88	0·28	22·49	0·63	23·87	0·31	26·49	0·42	25·89	1·75	45·58	1·20	35·05	0·79	38·42	1·07	35·69	0·44	33·18	1·05	37·57	0·47	27·09	0·73	31·74
50	9-15 –	0·95	53·41	0·71	34·44	0·57	23·45	0·65	23·14	0·73	24·60	0·58	27·07	0·65	26·54	1·59	47·17	1·17	36·22	1·16	39·58	1·28	36·97	1·47	34·65	1·34	38·91	1·14	28·23	0·99	32·73
51	16-22 –	0·77	54·18	0·09	34·53	0·20	23·65	0·27	23·41	0·12	24·72	0·18	27·25	0·17	26·71	0·24	47·41	0·04	36·26	0·04	39·62	0·08	37·05	0·02	34·67	0·08	38·99	0·12	28·35	0·13	32·86
52	Dec. 23-29 –	1·02	55·20	0·86	35·39	0·98	24·63	0·76	24·17	0·56	25·28	0·57	27·82	0·75	27·46	0·86	48·27	0·84	37·10	1·02	40·64	1·04	38·09	0·89	35·36	0·89	39·88	1·20	29·55	0·82	33·68

TABLE III.—SHOWING THE WEEKLY AND PROGRESSIVE VALUES OF ACCUMULATED HEAT ABOVE 42° F. IN EACH DISTRICT DURING THE YEAR 1906.

1906.		0. Scot-land, N.		Eastern Districts.										Western Districts.										11. English Channel.		Means for Districts 1-10 combined.	
				1. Scot-land, E.		2. England, N.E.		3. England, E.		4. Midland Counties.		5. England, S.		Means for Eastern Districts.		6. Scot-land, W.		7. England, N.W. and North Wales.		8. South Wales and England, S.W.		9. Ireland, N.		10. Ireland, S.		Means for Western Districts.					
No. of Week.	Limiting Dates of each Week.	For the Week.	From Dec. 31, 1905.	For the Week.	From Dec. 31, 1905.	For the Week.	From Dec. 31, 1905.	For the Week.	From Dec. 31, 1905.	For the Week.	From Dec. 31, 1905.	For the Week.	From Dec. 31, 1905.	For the Week.	From Dec. 31, 1905.	For the Week.	From Dec. 31, 1905.	For the Week.	From Dec. 31, 1905.	For the Week.	From Dec. 31, 1905.	For the Week.	From Dec. 31, 1905.	For the Week.	From Dec. 31, 1905.	For the Week.	From Dec. 31, 1905.	For the Week.	From Dec. 31, 1905.
	DAY-DEGREES ABOVE 42° FAHRENHEIT—1906.																												
	1906.																												
1	Dec. 31/5-Jan. 6/6	4	4	0	0	0	0	0	6	5	5	19	19	6	6	6	6	5	5	24	24	19	19	32	32	17	17	42	42	12	12
2	Jan. 7-13 -	0	4	1	1	6	6	13	19	11	16	28	47	12	18	6	12	17	22	26	50	8	27	26	58	17	34	38	80	14	26
3	14-20 -	0	4	2	3	7	13	11	30	11	27	23	70	11	29	6	18	9	31	26	76	6	33	12	70	12	46	29	109	12	38
4	21-27 -	11	15	26	29	12	25	8	38	11	38	9	79	13	42	18	36	17	48	12	88	22	55	28	98	19	65	23	132	16	54
5	Jan. 28-Feb. 3	3	18	7	36	20	45	22	60	22	60	23	102	19	61	15	51	17	65	22	110	19	74	29	127	20	85	28	160	19	73
6	Feb. 4-10 -	0	18	0	36	3	48	0	60	3	63	3	105	2	63	1	52	2	67	7	117	6	80	12	139	5	90	13	173	4	77
7	11-17 -	0	18	0	36	0	48	3	63	1	64	6	111	2	65	0	52	0	67	5	122	1	81	7	146	3	93	18	191	3	80
8	18-24 -	0	18	0	36	3	51	3	66	3	67	5	116	3	68	3	55	2	69	6	128	6	87	12	158	6	99	23	214	4	84
9	Feb. 25-Mar. 3	0	18	1	37	5	56	12	78	12	79	17	133	9	77	7	62	8	77	24	152	11	98	30	188	16	115	26	240	13	97
10	Mar. 4-10 -	8	26	13	50	35	91	43	121	42	121	36	169	34	111	18	80	26	103	34	186	24	122	36	224	27	142	43	283	30	127
11	11-17 -	0	26	4	54	18	109	29	150	31	152	24	193	21	132	5	85	13	116	27	213	15	137	33	257	19	161	34	317	20	147
12	18-24 -	9	35	9	63	8	117	3	153	7	159	3	196	6	138	16	101	9	125	7	220	12	149	25	282	14	175	9	326	10	157
13	25-31 -	11	46	11	74	8	125	6	159	9	168	10	206	9	147	16	117	7	132	11	231	14	163	15	297	13	188	13	339	11	168
14	April 1-7 -	33	79	46	120	42	167	37	196	51	219	42	248	43	190	46	163	47	179	42	273	37	200	42	339	43	231	39	378	43	211
15	8-14 -	50	129	63	183	54	221	57	253	68	287	63	311	61	251	63	226	56	235	62	335	51	251	52	391	57	288	61	439	59	270
16	15-21 -	12	141	32	215	44	265	46	299	49	336	43	354	43	294	36	262	38	273	43	378	32	283	43	434	38	326	36	475	40	310
17	22-28 -	9	150	16	231	18	283	22	321	21	357	31	385	22	316	20	282	16	289	30	408	22	305	32	466	24	350	30	505	23	333
18	April 29-May 5	20	170	23	257	38	321	42	363	38	395	36	421	36	352	32	314	31	320	31	439	30	335	38	504	32	382	41	546	34	367
19	May 6-12 -	32	202	45	302	70	391	74	437	81	476	81	502	70	422	50	364	63	383	71	510	46	381	61	565	58	440	74	620	64	431
20	13-19 -	25	227	29	331	38	429	52	489	52	528	60	562	46	468	40	404	41	424	54	564	32	413	47	612	43	483	67	687	45	476
21	20-26 -	27	254	30	361	41	470	63	552	50	578	62	624	49	517	36	440	48	472	51	615	41	454	54	666	46	529	67	754	47	523
22	May 27-June 2	48	302	70	431	97	567	103	655	95	673	90	714	91	608	78	518	84	556	81	696	73	527	86	752	80	609	88	842	86	609
23	June 3-9 -	70	372	88	519	83	650	74	729	92	765	88	802	85	693	96	614	96	652	100	796	90	617	106	858	98	707	103	945	91	700
24	10-16 -	83	455	96	615	86	736	78	807	94	859	82	884	87	780	111	725	106	758	104	900	85	702	118	976	105	812	99	1044	96	796
25	17-23 -	105	560	115	730	126	862	134	941	129	988	132	1016	127	907	112	837	120	878	113	1013	116	818	127	1103	118	930	127	1171	123	919
26	24-30 -	66	626	83	813	113	975	124	1065	111	1099	115	1131	109	1016	83	920	100	978	107	1120	85	903	102	1205	95	1025	123	1294	102	1021
27	July 1-7 -	75	701	87	900	113	1088	116	1181	120	1219	122	1253	112	1128	93	1013	109	1087	114	1234	94	997	109	1314	104	1129	130	1424	108	1129
28	8-14 -	77	778	94	994	114	1202	127	1308	108	1327	120	1373	113	1241	91	1104	95	1182	104	1338	90	1087	109	1423	98	1227	120	1544	106	1235
29	15-21 -	65	843	92	1086	124	1326	134	1442	126	1453	126	1499	120	1361	91	1195	111	1293	118	1456	96	1183	123	1546	108	1335	127	1671	114	1349
30	22-28 -	93	936	105	1191	137	1463	156	1598	143	1596	149	1648	138	1499	108	1303	132	1425	133	1589	111	1294	128	1674	122	1457	149	1820	130	1479
31	July 29-Aug. 4	107	1043	119	1310	150	1613	169	1767	151	1747	159	1807	149	1648	125	1428	138	1563	132	1721	116	1410	126	1800	127	1584	148	1968	138	1617
32	Aug. 5-11 -	95	1138	102	1412	127	1740	155	1922	148	1895	153	1960	137	1785	120	1548	135	1698	145	1866	120	1530	132	1932	131	1715	151	2119	134	1751
33	12-18 -	91	1229	95	1507	123	1863	139	2061	122	2017	131	2091	122	1907	106	1654	115	1813	119	1985	102	1632	113	2045	111	1826	137	2256	116	1867
34	19-25 -	82	1311	97	1604	134	1997	153	2214	148	2165	147	2238	136	2043	108	1762	126	1939	139	2124	119	1751	134	2179	125	1951	147	2403	131	1998
35	Aug. 26-Sept. 1	113	1424	131	1735	153	2150	150	2364	159	2324	160	2398	151	2194	137	1899	151	2090	152	2276	146	1897	146	2325	146	2097	164	2567	149	2147
36	Sept. 2-8 -	103	1527	120	1855	155	2305	174	2538	162	2486	164	2562	155	2349	120	2019	136	2226	148	2424	116	2013	134	2459	131	2228	151	2718	143	2290
37	9-15 -	77	1604	79	1934	98	2403	111	2649	96	2582	113	2675	100	2449	83	2102	95	2321	102	2526	83	2096	90	2549	91	2319	137	2855	95	2385
38	16-22 -	77	1681	71	2005	87	2490	101	2750	89	2671	100	2775	89	2538	86	2188	85	2406	88	2614	92	2188	97	2646	89	2408	118	2973	89	2474
39	24-29 -	62	1743	69	2074	67	2557	73	2823	71	2742	76	2851	71	2609	66	2254	67	2473	76	2690	73	2261	81	2727	73	2481	113	3086	72	2546
40	Sept. 30-Oct. 6	63	1806	68	2142	92	2649	113	2936	97	2839	111	2962	96	2705	74	2328	94	2567	104	2794	79	2340	99	2826	90	2571	129	3215	93	2639
41	Oct. 7-13 -	60	1866	69	2211	95	2744	116	3052	90	2929	111	3073	96	2801	76	2404	86	2653	88	2882	68	2408	77	2903	79	2650	111	3326	87	2726
42	14-20 -	31	1897	31	2242	38	2782	62	3114	48	2977	65	3138	49	2850	37	2441	35	2688	53	2935	40	2448	46	2949	42	2692	85	3411	46	2772
43	21-27 -	42	1939	43	2285	60	2842	75	3189	62	3039	79	3217	64	2914	54	2495	65	2753	71	3006	50	2498	64	3013	61	2753	99	3510	63	2835
44	Oct. 28-Nov. 3	30	1969	28	2313	26	2868	36	3225	23	3065	34	3251	30	2944	27	2522	23	2776	30	3036	27	2525	28	3041	27	2780	51	3561	29	2864
45	Nov. 4-10 -	24	1993	22	2335	28	2896	41	3266	29	3094	39	3290	32	2976	26	2548	29	2805	29	3065	27	2552	28	3069	28	2808	57	3618	30	2894
46	11-17 -	10	2003	10	2345	19	2915	27	3293	25	3119	29	3319	22	2998	21	2569	23	2828	29	3094	25	2577	33	3102	26	2834	48	3666	24	2918
47	18-24 -	30	2033	30	2375	31	2949	32	3325	38	3155	35	3354	33	3031	28	2597	34	2862	36	3130	35	2612	39	3141	34	2868	57	3723	33	2951
48	Nov. 25-Dec. 1	25	2058	33	2408	39	2988	36	3361	36	3191	41	3395	37	3068	39	2636	41	2903	46	3176	47	2659	60	3201	47	2915	63	3786	42	2993
49	Dec. 2-8 -	25	2083	23	2436	28	3016	29	3390	29	3220	29	3424	28	3096	28	2664	29	2932	28	3204	29	2688	33	3234	29	2944	44	3830	28	3021
50	9-15 -	0	2083	0	2436	0	3016	0	3390	0	3220	1	3425	0	3096	0	2664	0	2932	8	3212	4	2692	12	3246	5	2949	25	3855	3	3024
51	16-22 -	29	2112	27	2463	4	3020	1	3391	7	3227	4	3429	9	3105	23	2687	16	2948	16	3228	28	2720	31	3277	23	2972	22	3877	16	3040
52	Dec. 23-29 -	0	2112	0	2463	0	3020	0	3391	0	3227	0	3429	0	3105	0	2687	0	2948	0	3228	0	2720	0	3277	0	2972	6	3883	0	3040

TABLE IV.—SHOWING THE WEEKLY AND PROGRESSIVE VALUES OF ACCUMULATED HEAT BELOW 42° F. IN EACH DISTRICT DURING THE YEAR 1906.

1906.		0. Scotland, N.		Eastern Districts. 1. Scotland, E.		2. England, N.E.		3. England, E.		4. Midland Counties.		5. England, S.		Means for Eastern Districts.		Western Districts. 6. Scotland, W.		7. England, N.W. and North Wales.		8. South Wales and England, S.W.		9. Ireland, N.		10. Ireland, S.		Means for Western Districts.		11. English Channel.		Means for Districts 1-10 combined.	
Weeks.																															
No. of Week.	Limiting Dates of each Week.	For the Week.	From Dec. 31, 1905.	For the Week.	From Dec. 31, 1905.	For the Week.	From Dec. 31, 1905.	For the Week.	From Dec. 31, 1905.	For the Week.	From Dec. 31, 1905.	For the Week.	From Dec. 31, 1905.	For the Week.	From Dec. 31, 1905.	For the Week.	From Dec. 31, 1905.	For the Week.	From Dec. 31, 1905.	For the Week.	From Dec. 31, 1905.	For the Week.	From Dec. 31, 1905.	For the Week.	From Dec. 31, 1905.	For the Week.	From Dec. 31, 1905.	For the Week.	From Dec. 31, 1905.	For the Week.	From Dec. 31, 1905.
	DAY-DEGREES BELOW 42° FAHRENHEIT—1906.																														
	1906.																														
1	Dec.31/5-Jan.6/6	23	23	29	29	23	23	22	22	28	28	9	9	22	22	18	18	22	22	5	5	7	7	0	0	10	10	0	0	16	16
2	Jan. 7-13 -	36	59	31	60	23	46	23	45	25	53	11	20	23	45	19	37	10	32	10	15	24	31	10	10	15	25	0	0	19	35
3	14-20 -	30	89	32	92	29	75	25	70	29	82	13	33	26	71	27	64	26	58	15	30	30	61	29	39	25	50	0	0	26	61
4	21-27 -	24	113	15	107	23	98	31	101	30	112	32	65	26	97	10	74	10	68	28	58	8	69	11	50	14	64	10	10	20	81
5	Jan. 28-Feb. 3	26	139	26	133	8	106	11	112	8	120	9	74	12	109	8	82	3	71	5	63	3	72	0	50	4	68	0	10	8	89
6	Feb. 4-10 -	51	190	50	183	39	145	38	150	45	165	36	112	42	151	41	123	37	108	37	100	31	103	28	78	35	103	13	23	38	127
7	11-17 -	54	244	49	232	39	184	34	184	37	202	31	143	38	189	34	157	31	139	30	130	37	140	34	112	33	136	10	33	36	163
8	18-24 -	49	293	50	282	41	225	35	219	40	242	33	176	40	229	42	199	38	177	35	165	36	176	35	147	37	173	8	41	38	201
9	Feb. 25-Mar. 3	48	341	48	330	36	261	30	249	34	276	25	201	35	264	35	234	30	207	15	180	30	206	15	162	25	198	2	43	30	231
10	Mar. 4-10 -	26	367	24	354	10	271	11	260	12	288	8	209	13	277	6	240	6	213	6	186	5	211	0	162	5	203	0	43	9	240
11	11-17 -	61	428	50	404	35	306	18	278	20	308	13	222	27	304	33	273	26	239	13	199	28	239	6	168	21	224	0	43	24	264
12	18-24 -	28	456	30	434	27	333	30	308	30	338	31	253	30	334	25	298	28	267	28	227	20	259	15	183	23	247	14	57	27	291
13	25-31 -	36	492	36	470	30	363	33	341	37	375	35	288	34	368	27	325	32	299	37	264	30	289	26	209	30	277	22	79	32	323
14	April 1-7 -	13	505	21	491	19	382	17	358	18	393	13	301	17	385	15	340	13	312	11	275	13	302	13	222	13	290	0	79	15	338
15	8-14 -	21	526	24	515	18	400	7	365	15	408	4	305	14	399	16	356	13	325	7	282	15	317	12	234	13	303	0	79	14	352
16	15-21 -	33	559	20	535	17	417	19	384	23	431	20	325	20	419	15	371	16	341	18	300	10	327	13	247	14	317	0	79	17	369
17	22-28 -	34	593	34	569	29	446	20	404	32	463	17	342	26	445	29	400	25	366	16	316	13	340	10	257	19	336	0	79	22	391
18	April 29-May 5	26	619	33	602	15	461	9	413	19	482	9	351	17	462	15	415	12	378	11	327	12	352	7	264	11	347	0	79	14	405
19	May 6-12 -	8	627	3	605	0	461	0	413	0	482	0	351	1	463	0	415	0	378	0	327	0	352	0	264	0	347	0	79	1	406
20	13-19 -	10	637	9	614	3	464	0	413	4	486	0	351	3	466	3	418	1	379	0	327	3	355	0	264	2	349	0	79	2	408
21	20-26 -	9	646	10	624	0	464	0	413	0	486	0	351	2	468	1	419	0	379	0	327	0	355	0	264	0	349	0	79	1	409
22	May 27-June 2	0	646	0	624	0	464	0	413	0	486	0	351	0	468	0	419	0	379	0	327	0	355	0	264	0	349	0	79	0	409
23	June 3-9 -	0	646	0	624	0	464	0	413	0	486	0	351	0	468	0	419	0	379	0	327	0	355	0	264	0	349	0	79	0	409
24	10-16 -	0	646	0	624	0	464	0	413	0	486	0	351	0	468	0	419	0	379	0	327	0	355	0	264	0	349	0	79	0	409
25	17-23 -	0	646	0	624	0	464	0	413	0	486	0	351	0	468	0	419	0	379	0	327	0	355	0	264	0	349	0	79	0	409
26	24-30 -	0	646	0	624	0	464	0	413	0	486	0	351	0	468	0	419	0	379	0	327	0	355	0	264	0	349	0	79	0	409
27	July 1-7 -	0	646	0	624	0	464	0	413	0	486	0	351	0	468	0	419	0	379	0	327	0	355	0	264	0	349	0	79	0	409
28	8-14 -	0	646	0	624	0	464	0	413	0	486	0	351	0	468	0	419	0	379	0	327	0	355	0	264	0	349	0	79	0	409
29	15-21 -	0	646	0	624	0	464	0	413	0	486	0	351	0	468	0	419	0	379	0	327	0	355	0	264	0	349	0	79	0	409
30	22-28 -	0	646	0	624	0	464	0	413	0	486	0	351	0	468	0	419	0	379	0	327	0	355	0	264	0	349	0	79	0	409
31	July 29-Aug. 4	0	646	0	624	0	464	0	413	0	486	0	351	0	468	0	419	0	379	0	327	0	355	0	264	0	349	0	79	0	409
32	Aug. 5-11 -	0	646	0	624	0	464	0	413	0	486	0	351	0	468	0	419	0	379	0	327	0	355	0	264	0	349	0	79	0	409
33	12-18 -	0	646	0	624	0	464	0	413	0	486	0	351	0	468	0	419	0	379	0	327	0	355	0	264	0	349	0	79	0	409
34	19-25 -	0	646	0	624	0	464	0	413	0	486	0	351	0	468	0	419	0	379	0	327	0	355	0	264	0	349	0	79	0	409
35	Aug. 26-Sept. 1	0	646	0	624	0	464	0	413	0	486	0	351	0	468	0	419	0	379	0	327	0	355	0	264	0	349	0	79	0	409
36	Sept. 2-8 -	0	646	0	624	0	464	0	413	0	486	0	351	0	468	0	419	0	379	0	327	0	355	0	264	0	349	0	79	0	409
37	9-15 -	0	646	0	624	0	464	0	413	0	486	0	351	0	468	0	419	0	379	0	327	0	355	0	264	0	349	0	79	0	409
38	16-22 -	0	646	0	624	0	464	0	413	0	486	0	351	0	468	0	419	0	379	0	327	0	355	0	264	0	349	0	79	0	409
39	23-29 -	0	646	7	631	0	464	0	413	8	494	0	351	3	471	2	421	3	382	0	327	0	355	0	264	1	350	0	79	2	411
40	Sept. 30-Oct. 6	0	646	0	631	0	464	0	413	0	494	0	351	0	471	0	421	0	382	0	327	0	355	0	264	0	350	0	79	0	411
41	Oct. 7-13 -	0	646	0	631	0	464	0	413	0	494	0	351	0	471	0	421	0	382	0	327	0	355	0	264	0	350	0	79	0	411
42	14-20 -	19	665	17	648	3	467	0	413	4	498	0	351	5	476	6	427	1	383	0	327	11	366	7	271	5	355	0	79	5	416
43	21-27 -	0	665	4	652	0	467	0	413	0	498	0	351	1	477	0	427	0	383	0	327	0	366	0	271	0	355	0	79	1	417
44	Oct. 28-Nov. 3	8	673	10	662	3	470	0	413	10	508	0	351	5	482	6	433	6	389	10	337	12	378	16	287	10	365	0	79	8	425
45	Nov 4-10 -	6	679	8	670	2	472	0	413	8	516	0	351	4	486	10	443	6	395	3	340	8	386	6	293	7	372	0	79	5	430
46	11-17 -	18	697	22	692	10	482	9	422	15	531	10	361	13	499	9	452	13	408	15	355	11	397	2	295	10	382	0	79	12	442
47	18-24 -	7	704	13	705	8	490	5	427	7	538	0	361	6	505	2	454	3	411	1	356	3	400	1	296	2	384	0	79	4	446
48	Nov. 25-Dec. 1	5	709	1	706	0	490	1	428	0	538	0	361	1	506	0	454	0	411	0	356	0	400	0	296	0	384	0	79	0	446
49	Dec. 2-8 -	14	723	14	720	10	500	13	439	13	551	10	371	12	518	10	464	7	418	7	363	5	405	4	300	6	390	0	79	9	455
50	9-15 -	60	783	63	783	53	553	46	485	42	593	35	406	48	566	45	509	31	449	26	389	28	433	25	325	31	421	1	80	40	495
51	16-22 -	4	787	11	794	26	579	30	515	23	616	21	427	22	588	4	513	10	459	10	399	0	433	0	325	5	426	0	80	13	508
52	Dec. 23-29 -	81	868	80	874	71	650	82	597	74	690	70	497	75	663	69	582	63	522	50	449	55	488	43	368	56	482	24	104	66	574

TABLE V.—SHOWING THE WEEKLY AND PROGRESSIVE NUMBERS OF HOURS OF BRIGHT SUNSHINE IN EACH DISTRICT REGISTERED DURING THE YEAR 1906.

1906.		0. Scotland, N.		Eastern Districts.												Western Districts.															
				1. Scotland, E.		2. England, N.E.		3. England, E.		4. Midland Counties.		5. England, S.		Means for Eastern Districts.		6. Scotland, W.		7. England, N.W. and North Wales.		8. South Wales and England, S.W.		9. Ireland, N.		10. Ireland, S.		Means for Western Districts.		11. English Channel.		Means for Districts 1-10 combined.	
Weeks.																															
No. of Week.	Limiting Dates of each Week.	For the Week.	From Dec. 31, 1905.	For the Week.	From Dec. 31, 1905.	For the Week.	From Dec. 31, 1905.	For the Week.	From Dec. 31, 1905.	For the Week.	From Dec. 31, 1905.	For the Week.	From Dec. 31, 1905.	For the Week.	From Dec. 31, 1905.	For the Week.	From Dec. 31, 1905.	For the Week.	From Dec. 31, 1905.	For the Week.	From Dec. 31, 1905.	For the Week.	From Dec. 31, 1905.	For the Week.	From Dec. 31, 1905.	For the Week.	From Dec. 31, 1905.	For the Week.	From Dec. 31, 1905.	For the Week.	From Dec. 31, 1905.
		Hrs.	Hrs.	Hrs.	Hrs.	Hrs.	Hrs.	Hrs.	Hrs.	Hrs.	Hrs.	Hrs.	Hrs.	Hrs.	Hrs.	Hrs.	Hrs.	Hrs.	Hrs.	Hrs.	Hrs.	Hrs.	Hrs.	Hrs.	Hrs.	Hrs.	Hrs.	Hrs.	Hrs.	Hrs.	Hrs.
1	Dec.31/5-Jan.6/6	4	4	3	3	3	3	6	6	3	3	4	4	4	4	2	2	2	2	6	6	7	7	6	6	5	5	9	9	5	5
2	Jan. 7-13 -	6	10	9	12	14	17	19	25	17	20	21	25	16	20	7	9	9	11	15	21	12	19	15	21	11	16	19	28	13	18
3	14-20 -	4	14	9	21	12	19	23	48	16	36	26	51	17	37	10	19	9	20	16	37	13	32	16	37	13	29	25	53	15	33
4	21-27 -	7	21	14	35	11	40	10	58	10	46	15	66	12	49	7	26	8	28	16	53	7	39	11	48	10	39	18	71	11	44
5	Jan. 28-Feb. 3	12	33	20	55	20	60	18	76	14	60	17	83	18	67	19	45	14	42	12	65	13	52	9	57	13	52	11	82	16	60
6	Feb. 4-10 -	6	39	20	75	25	85	23	99	24	84	25	108	23	90	21	66	22	64	24	89	14	66	14	71	19	71	30	112	21	81
7	11-17 -	20	59	25	100	16	101	18	117	18	102	22	130	20	110	28	94	20	84	21	110	26	92	29	100	25	96	20	132	23	104
8	18-24 -	28	87	37	137	30	131	18	135	19	121	20	150	25	135	28	122	26	110	26	136	32	124	27	127	28	124	30	162	26	130
9	Feb. 25-Mar. 3	16	103	26	163	24	155	22	157	20	141	26	176	24	159	21	143	20	130	23	159	24	148	23	150	22	146	23	185	23	153
10	Mar. 4-10 -	13	116	24	187	35	190	39	196	33	174	36	212	33	192	16	159	21	151	27	186	15	163	19	169	20	166	39	224	27	180
11	11-17 -	21	137	31	218	33	223	28	224	28	202	23	235	29	221	21	180	25	176	23	209	13	176	17	186	20	186	24	248	24	204
12	18-24 -	21	158	26	244	35	258	24	248	28	230	24	259	27	248	42	222	39	215	41	250	26	202	35	221	36	222	28	276	32	236
13	25-31 -	31	189	27	271	19	277	17	265	20	250	32	291	23	271	41	263	31	246	36	286	29	231	29	250	33	255	44	320	28	264
14	April 1-7 -	34	223	42	313	48	325	58	323	45	295	56	347	50	321	42	305	45	291	51	337	40	271	47	297	45	300	56	376	47	311
15	8-14 -	57	280	62	375	61	386	63	386	57	352	65	412	61	382	47	352	59	350	67	404	64	335	58	355	59	359	69	445	60	371
16	15-21 -	30	310	44	419	49	435	47	433	45	397	49	461	47	429	40	392	52	402	56	460	39	374	49	404	47	406	56	501	47	418
17	22-28 -	34	344	40	459	48	483	54	487	48	445	50	511	48	477	47	439	41	443	50	510	36	410	43	447	44	450	54	555	46	464
18	April 29-May 5	42	386	46	505	45	528	50	537	33	478	43	554	43	520	31	470	34	477	36	546	28	438	33	480	32	482	45	600	38	502
19	May 6-12 -	24	410	25	530	23	551	32	569	18	496	34	588	27	547	27	497	16	493	21	567	33	471	40	520	28	510	21	621	27	529
20	13-19 -	21	431	17	547	26	577	36	605	38	534	54	642	34	581	26	523	29	522	57	624	40	511	57	577	42	552	75	696	38	567
21	20-26 -	21	452	25	572	24	601	31	636	18	552	29	671	25	606	18	541	11	533	22	646	11	522	14	591	15	567	33	729	20	587
22	May 27-June 2	19	471	33	605	39	640	39	675	36	588	37	708	37	643	34	575	31	564	31	677	18	540	24	615	28	595	29	758	33	620
23	June 3-9 -	38	509	50	655	59	699	72	747	69	657	80	788	66	709	61	636	73	637	77	754	58	598	63	678	66	661	88	846	66	686
24	10-16 -	44	553	51	706	37	736	34	781	38	695	35	823	39	748	57	693	51	688	54	808	49	647	58	736	54	715	51	897	46	732
25	17-23 -	40	593	34	740	49	785	68	849	52	747	75	898	55	803	29	722	41	729	34	842	23	670	20	756	29	744	50	947	42	774
26	24-30 -	29	622	38	778	35	820	51	900	36	783	49	947	42	845	46	768	40	769	33	875	38	708	39	795	39	783	48	995	41	815
27	July 1-7 -	44	656	44	822	55	875	76	976	53	836	67	1014	59	904	51	819	50	819	53	928	26	734	28	823	42	825	68	1063	51	866
28	8-14 -	36	702	47	869	48	923	44	1020	43	879	52	1066	47	951	53	872	54	873	56	984	34	768	34	857	46	871	60	1123	46	912
29	15-21 -	26	728	46	915	54	977	48	1068	45	924	40	1106	47	998	44	916	38	911	29	1013	33	801	31	888	35	906	26	1149	41	953
30	22-28 -	38	766	38	953	55	1032	65	1133	59	983	75	1181	58	1056	41	957	47	958	53	1066	50	851	49	937	48	954	67	1216	53	1006
31	July 29-Aug. 4	33	799	32	985	50	1082	67	1200	49	1032	71	1252	54	1110	32	989	42	1000	47	1113	33	884	42	979	39	993	63	1279	47	1053
32	Aug. 5-11 -	19	818	26	1011	36	1118	55	1255	47	1079	54	1306	44	1154	31	1020	43	1043	39	1152	30	914	32	1011	35	1028	47	1326	39	1092
33	12-18 -	30	848	26	1037	33	1151	39	1294	33	1112	38	1344	34	1188	26	1046	25	1068	43	1195	37	951	41	1052	35	1063	54	1380	35	1127
34	19-25 -	26	874	27	1064	38	1189	44	1338	46	1158	48	1392	40	1228	32	1078	40	1108	42	1237	23	974	29	1081	33	1096	51	1431	36	1163
35	Aug. 26-Sept. 1	30	904	46	1110	60	1249	70	1408	68	1226	67	1459	62	1290	49	1127	67	1175	65	1302	55	1029	55	1136	58	1154	66	1497	60	1223
36	Sept. 2-8 -	32	936	43	1153	50	1299	55	1463	48	1274	50	1509	49	1339	40	1167	40	1215	41	1343	26	1055	36	1172	37	1191	44	1541	43	1266
37	9-15 -	35	971	35	1188	49	1348	50	1513	46	1320	45	1554	45	1384	45	1212	46	1261	46	1389	43	1098	49	1221	46	1237	52	1593	45	1311
38	16-22 -	34	1005	35	1223	23	1371	31	1544	20	1340	31	1585	28	1412	36	1248	39	1300	49	1438	31	1129	32	1253	37	1274	51	1644	33	1344
39	23-29 -	43	1048	55	1278	47	1418	49	1593	43	1383	48	1633	49	1461	43	1291	51	1351	58	1496	44	1173	46	1299	48	1322	64	1708	48	1392
40	Sep. 30-Oct. 6	16	1064	18	1296	17	1435	27	1620	13	1396	29	1662	21	1482	11	1302	13	1364	14	1510	12	1185	16	1315	13	1335	25	1733	17	1409
41	7-13 -	18	1082	15	1311	25	1460	37	1657	16	1412	31	1693	25	1507	16	1318	16	1380	26	1536	25	1210	31	1346	23	1358	26	1759	24	1433
42	14-20 -	23	1105	23	1334	27	1487	26	1683	25	1437	29	1722	26	1533	23	1341	20	1400	20	1556	29	1239	24	1370	23	1381	25	1784	25	1458
43	21-27 -	15	1120	22	1356	23	1510	26	1709	22	1459	30	1752	24	1557	20	1361	23	1423	26	1582	19	1258	23	1393	22	1403	35	1819	23	1481
44	Oct. 28-Nov. 3	17	1137	13	1369	6	1516	8	1717	12	1471	11	1763	10	1567	16	1377	12	1435	27	1609	25	1283	27	1420	22	1425	25	1844	16	1497
45	Nov. 4-10 -	12	1149	9	1378	8	1524	16	1733	10	1481	12	1775	11	1578	12	1389	14	1449	17	1626	19	1302	9	1429	14	1439	10	1854	13	1510
46	11-17 -	4	1153	8	1386	2	1526	7	1740	4	1485	12	1787	7	1585	3	1392	6	1455	17	1643	8	1310	10	1439	9	1448	19	1873	8	1518
47	18-24 -	4	1157	12	1398	16	1542	14	1754	16	1501	15	1802	14	1599	7	1399	14	1469	17	1660	6	1316	12	1451	11	1459	17	1890	12	1530
48	Nov. 25-Dec. 1	6	1163	14	1412	17	1559	11	1765	13	1514	10	1812	13	1612	7	1406	12	1481	7	1667	5	1321	6	1457	7	1466	8	1898	10	1540
49	Dec. 2-8 -	1	1164	10	1422	8	1567	13	1778	10	1524	15	1827	11	1623	9	1415	8	1489	17	1684	9	1330	16	1473	12	1478	15	1913	11	1551
50	9-15 -	5	1169	10	1432	15	1582	16	1794	18	1542	21	1848	16	1639	12	1427	12	1501	10	1694	14	1344	11	1484	12	1490	12	1925	14	1565
51	16-22 -	1	1170	4	1436	4	1586	7	1801	2	1544	5	1853	5	1644	2	1429	3	1504	6	1700	7	1351	4	1488	4	1494	5	1930	5	1570
52	Dec. 23-29 -	1	1171	7	1443	15	1601	10	1811	13	1557	10	1863	11	1655	7	1436	12	1516	14	1714	4	1355	8	1496	9	1503	14	1944	10	1580

TABLE VI.—SHOWING THE WEEKLY AND PROGRESSIVE VALUES OF **BRIGHT SUNSHINE** IN EACH DISTRICT EXPRESSED AS **PERCENTAGES** OF THE **POSSIBLE DURATION** FOR THE YEAR 1906.

1906.		0. Scotland, N.		Eastern Districts.												Western Districts.														11. English Channel.		Means for Districts 1–10 combined	
				1. Scotland, E.		2. England, N.E.		3. England, E.		4. Midland Counties.		5. England, S.		Means for Eastern Districts.		6. Scotland, W.		7. England, N.W. and North Wales.		8. South Wales and England, S.W.		9. Ireland, N.		10. Ireland, S.		Means for Western Districts.							
No. of Week.	Limiting Dates of each week.	For the Week.	From Dec. 31, 1905.	For the Week.	From Dec. 31, 1905.	For the Week.	From Dec. 31, 1905.	For the Week.	From Dec. 31, 1905.	For the Week.	From Dec. 31, 1905.	For the Week.	From Dec. 31, 1905.	For the Week.	From Dec. 31, 1905.	For the Week.	From Dec. 31, 1905.	For the Week.	From Dec. 31, 1905.	For the Week.	From Dec. 31, 1905.	For the Week.	From Dec. 31, 1905.	For the Week.	From Dec. 31, 1905.	For the Week.	From Dec. 31, 1905.	For the Week.	From Dec. 31, 1905.	For the Week.	From Dec. 31, 1905.	For the Week.	From Dec. 31, 1905.
	PERCENTAGES OF POSSIBLE DURATION OF BRIGHT SUNSHINE—1906.																																
	1906.	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
1	Dec. 31/5, Jan. 6/6	8	8	5	5	6	6	12	12	6	6	8	8	8	8	4	4	4	4	10	10	13	13	11	11	10	10	16	16	9	9
2	Jan. 7–13 –	12	11	18	12	26	17	35	23	31	19	37	23	30	19	13	9	18	10	28	19	24	18	26	20	21	15	32	24	25	17
3	14–20 –	9	10	17	14	23	18	40	29	28	22	44	30	31	23	18	12	17	13	27	22	24	20	27	23	24	18	42	31	27	20
4	21–27 –	14	11	25	17	19	19	17	26	18	21	24	29	21	22	13	12	14	13	26	23	11	18	19	22	17	18	29	30	19	20
5	Jan. 28–Feb. 3	21	13	35	21	33	22	28	27	23	21	27	29	30	24	32	17	24	15	19	22	21	19	14	20	21	19	18	27	26	22
6	Feb. 4–10 –	10	13	32	23	39	25	35	28	38	24	38	30	36	26	34	20	35	19	38	25	23	20	21	20	30	21	45	31	33	24
7	11–17 –	31	16	38	26	24	25	26	28	26	25	31	31	30	27	42	24	29	21	30	26	38	23	43	24	37	23	29	30	34	25
8	18–24 –	42	20	54	30	43	28	25	28	26	25	28	30	35	28	41	26	37	23	37	27	46	26	38	26	39	26	42	32	37	27
9	Feb. 25–Mar. 3	22	20	35	31	32	28	30	28	27	25	35	31	32	29	28	26	27	24	31	28	33	27	30	27	30	26	31	32	31	28
10	Mar. 4–10 –	17	20	31	31	46	30	50	31	42	27	46	33	42	30	21	26	27	24	34	29	19	26	24	26	26	26	50	34	35	28
11	11–17 –	26	21	38	32	40	32	35	31	35	28	28	32	36	31	26	26	30	25	28	29	16	25	21	26	25	26	30	33	30	29
12	18–24 –	25	21	31	32	41	33	29	31	33	29	29	32	32	31	50	28	46	27	48	31	31	26	41	27	42	28	33	33	38	30
13	25–31 –	35	22	31	32	22	31	20	30	22	28	37	32	26	31	46	30	35	28	41	32	33	26	33	28	38	29	50	35	32	30
14	April 1–7 –	36	24	45	33	52	33	64	33	49	30	61	35	55	33	45	32	49	30	56	34	43	28	51	30	49	31	62	37	52	32
15	8–14 –	59	27	65	36	64	36	67	36	61	33	69	38	64	36	49	33	62	33	72	37	67	31	61	33	62	33	73	40	63	35
16	15–21 –	30	27	44	37	49	37	49	37	46	34	50	39	48	37	40	34	53	34	58	39	40	32	50	34	48	35	58	42	48	36
17	22–28 –	32	28	38	37	47	38	54	38	48	35	50	40	48	38	46	35	41	35	50	40	35	32	42	35	44	35	54	43	46	36
18	April 29–May 5	38	29	43	37	43	38	48	39	31	35	42	40	41	38	29	34	33	35	35	39	26	32	32	35	30	35	44	43	36	36
19	May 6–12 –	21	28	23	36	21	37	31	38	16	33	32	39	25	37	24	34	15	33	20	38	30	32	37	35	26	34	20	41	25	36
20	13–19 –	18	27	15	35	24	36	33	38	35	33	50	40	31	36	24	33	26	33	53	39	36	32	53	36	38	35	71	43	35	36
21	20–26 –	17	27	21	34	21	35	28	37	16	32	26	39	22	36	16	32	10	31	20	38	10	31	13	35	13	33	31	42	18	34
22	May 27–June 2	16	26	28	33	34	35	34	37	32	32	33	39	32	35	29	32	27	31	28	37	16	30	21	34	24	33	27	41	29	34
23	June 3–9 –	31	26	41	34	50	36	63	39	60	34	71	41	57	37	51	33	63	33	68	39	49	31	55	35	57	34	80	44	57	35
24	10–16 –	36	27	42	34	31	36	30	38	33	34	30	40	33	36	48	34	44	33	48	39	42	31	51	36	46	35	45	44	39	36
25	17–23 –	32	27	28	34	41	36	58	39	45	34	66	41	47	37	25	33	35	34	30	39	19	31	17	35	25	34	44	44	36	36
26	24–30 –	24	27	32	34	38	36	44	39	31	34	43	42	36	37	38	33	34	34	29	38	32	31	34	35	33	34	42	44	35	36
27	July 1–7 –	35	27	36	34	47	36	66	41	46	35	59	42	51	38	43	34	42	34	47	39	22	30	24	34	36	34	61	45	44	36
28	8–14 –	29	27	40	34	41	37	39	41	38	35	47	43	41	38	45	34	47	35	50	39	30	30	30	34	40	35	55	45	40	36
29	15–21 –	21	27	39	34	47	37	43	41	40	35	36	42	42	38	38	35	34	35	26	39	29	30	28	34	31	34	24	44	36	36
30	22–28 –	32	27	33	34	49	38	60	42	54	36	69	43	52	38	37	35	42	35	49	39	44	31	45	34	43	35	62	45	48	37
31	July 29–Aug. 4	29	28	29	34	46	38	63	42	46	36	67	44	50	39	29	34	39	35	44	39	30	31	39	34	36	35	60	45	44	37
32	Aug. 5–11 –	17	27	24	34	33	38	53	43	44	37	52	45	42	39	29	34	41	35	38	39	28	31	30	34	33	35	45	45	37	37
33	12–18 –	28	27	25	34	32	38	38	43	32	37	38	44	33	39	25	34	24	35	43	39	36	31	40	35	34	35	54	46	34	37
34	19–25 –	26	27	27	33	38	38	45	43	46	37	49	44	40	39	31	34	41	35	42	40	23	31	29	34	33	35	52	46	36	37
35	Aug. 26–Sept. 1	31	27	47	34	63	38	74	44	71	38	71	45	65	40	50	34	70	36	68	40	57	32	57	35	60	35	70	47	63	38
36	Sept. 2–8 –	35	27	46	34	54	39	60	44	52	38	54	46	53	40	43	35	43	36	45	40	28	31	39	35	40	36	48	47	46	38
37	9–15 –	39	28	38	34	55	39	56	44	52	39	51	46	51	40	50	35	51	37	52	41	49	32	56	36	53	36	59	47	51	38
38	16–22 –	39	28	40	34	27	39	36	44	23	38	36	45	33	40	42	35	46	37	57	41	36	32	37	36	43	36	59	47	38	38
39	23–29 –	52	29	67	35	57	39	60	44	52	38	58	46	60	41	52	36	62	37	70	42	53	32	57	36	59	37	77	48	59	39
40	Sept. 30–Oct. 6	20	28	23	35	21	39	34	44	17	38	37	45	27	40	14	35	16	37	17	41	16	32	20	36	16	36	31	48	22	38
41	Oct. 7–13 –	24	28	21	35	33	39	48	44	22	38	41	45	33	40	21	35	21	37	35	41	33	32	41	36	30	36	34	47	32	38
42	14–20 –	33	28	32	34	37	39	36	44	35	38	40	45	36	40	32	35	28	37	28	41	40	32	33	36	32	36	34	47	35	38
43	21–27 –	23	28	33	34	33	39	38	44	32	38	43	45	35	40	30	35	34	36	37	41	28	32	34	36	32	36	51	47	33	38
44	Oct. 28–Nov. 3	28	28	20	34	9	38	12	44	17	37	16	45	15	40	25	35	18	36	40	41	38	32	41	36	34	36	36	47	25	38
45	Nov. 4–10 –	21	28	15	34	13	38	25	43	17	37	19	44	18	39	19	34	23	36	26	41	30	32	15	36	23	36	16	46	21	37
46	11–17 –	7	28	14	34	3	37	12	43	6	36	20	44	12	39	5	34	9	36	28	40	13	32	16	35	15	35	30	46	13	37
47	18–24 –	8	28	22	34	29	37	24	42	28	36	25	44	25	39	13	34	25	35	29	40	11	32	21	35	19	35	27	46	21	37
48	Nov. 25–Dec. 1	13	27	28	34	32	37	19	42	23	36	17	43	24	38	14	33	23	35	12	40	9	31	11	35	13	35	13	45	19	37
49	Dec. 2–8 –	3	27	21	33	16	37	25	42	19	36	28	43	21	38	18	33	14	35	30	40	17	31	29	35	23	35	26	45	21	36
50	9–15 –	12	27	21	33	29	37	30	42	34	36	38	43	31	38	25	33	24	35	18	40	28	31	21	35	24	35	21	45	27	36
51	16–22 –	1	27	8	33	7	36	14	41	5	36	9	43	10	38	4	33	6	35	11	39	13	31	8	34	8	34	9	44	10	36
52	Dec. 23–29 –	3	27	16	33	29	36	18	41	26	35	19	42	22	38	15	33	24	34	25	39	9	31	15	34	18	34	25	44	20	36

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WEEKLY WEATHER REPORT, 1906.

APPENDIX III.

AVERAGES OF TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE,

Based on Observations taken during 1871–1905, as follows:—

	Period.
Temperature—Mean Maximum	35 years, 1871–1905
Mean Minimum	35 years, 1871–1905
Mean Temperature	35 years, 1871–1905
Rainfall	35 years, 1871–1905
Rain Days	35 years, 1871–1905
Bright Sunshine, Duration	25 years, 1881–1905
Bright Sunshine, Percentage	25 years, 1881–1905

These Tables are in continuation of those issued as Appendices to the Weekly Weather Reports for 1891, 1896, and 1901.

Average values are also continued in the following Publications of the Meteorological Office:—

Rainfall Tables of the British Islands, 1866–1890 (No. 114).
Temperature Tables of the British Islands, 1871–1900 (No. 154).
Appendix I. to the Volume of Meteorological Observations of Stations of the Second Order for the year 1901; average values for the years 1876–1890 for 12 stations.

NOTES.

TEMPERATURE AND RAINFALL.—At certain stations the actual observations do not cover the whole period of 35 years. In those cases the year of commencement of the record is printed in brackets against the name of the stations in the extreme right hand column on each opening. The averages for these stations have been "weighted" to render them comparable with those for stations for which complete data are available. In a few cases in which satisfactory comparisons could not be made, the averages quoted are the unweighted ones for the years over which the records extend. The names of these stations are printed in italic type.

For details of the method by which the "weights" applied to the temperature tables have been arrived at, reference should be made to the Supplement to "Temperature Tables of the British Islands" (No. 154), published by authority of the Meteorological Council in 1902.

The "weights" applied in the case of the element rainfall have been arrived at by comparing the observed fall with that for a corresponding period at a neighbouring station, possessing records for 35 years, and assuming that, in the long run, the amounts recorded at the two stations bear a constant percentage relating to one another. (*See Hann Lehrbuch der Meteorologie*, Ed. 1906, p. 243). In all cases in which "weights" have been applied, the simultaneous observations have extended over at least 10 years.

SUNSHINE.—The averages are for the 25-year period 1881–1905. In cases in which the records do not extend over the whole period, the averages derived from the actual observations are given, and below them are printed the "weighted" averages for the period of 25 years. The "weights" have been applied in a similar manner to that described under rainfall. All the records are from burning recorders of the Campbell-Stokes type except when otherwise stated in the foot-notes.

Meteorological Office,
63, Victoria Street,
London, S.W.

W. N. SHAW,
Director.

375 Wt 82 7/07 D & S 23 28946

TABLE I.—Showing the Average Temperatures for Each Month and for the Whole Year.

Districts.	Stations.	Height above M.S.L.	January.			February.			March.			April.			May.			June.		
			Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
		Feet.	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°
0. SCOTLAND, N.	Sumburgh Head	112	42·6	35·4	39·0	42·0	34·3	38·2	42·9	34·3	38·6	46·0	36·9	41·5	50·1	40·3	45·2	54·3	45·1	49·7
	Deerness (Orkney).	160	42·6	35·4	39·0	42·1	34·9	38·5	43·4	35·1	39·3	46·9	37·8	42·4	51·2	41·5	46·4	56·1	46·4	51·3
	Wick	80	42·4	33·2	37·8	42·9	32·8	37·9	45·0	34·0	39·5	49·2	37·0	43·1	53·8	40·7	47·3	58·8	45·6	52·2
	Stornoway ..	40	43·3	34·3	38·8	43·8	34·1	39·0	45·1	34·3	39·7	49·2	37·2	43·2	53·6	40·9	47·3	58·6	46·1	52·4
	Lairg	387	40·6	29·5	35·1	42·1	29·3	35·7	45·0	30·1	37·6	50·8	33·6	42·2	56·2	38·1	47·2	62·5	43·7	53·1
	Strathpeffer Spa	253	41·2	32·1	36·7	42·1	32·2	37·2	44·7	33·5	39·1	50·4	36·7	43·6	55·4	41·0	48·2	61·5	46·6	54·1
	Glencarron .	489	41·9	32·3	37·1	42·4	31·3	36·9	44·3	32·3	38·3	49·7	36·0	42·9	56·2	39·8	48·0	61·0	46·5	53·8
	Fort Augustus ..	68	43·1	33·0	38·1	44·0	32·4	38·2	45·9	33·5	39·7	51·7	37·3	44·5	56·9	41·8	49·4	62·2	47·6	54·9
	Fort William ..	175	43·4	34·2	38·8	44·2	33·7	39·0	46·7	34·5	40·6	51·4	38·7	45·1	57·3	42·7	50·0	62·6	47·9	55·3
1. SCOTLAND, E...	Nairn	82	42·5	32·2	37·4	43·5	31·9	37·7	46·2	33·3	39·8	51·6	36·6	44·1	56·6	41·3	49·0	62·4	47·0	54·7
	Aberdeen ..	46	42·2	33·2	37·7	43·0	33·2	38·1	45·8	34·4	40·1	49·7	37·9	43·8	54·7	41·8	48·3	60·6	47·2	53·9
	Braemar	1,111	39·4	28·9	34·2	40·1	28·9	34·5	42·6	30·0	36·3	48·0	33·4	40·7	54·5	37·7	46·1	61·5	43·9	52·7
	Ochtertyre ..	296	42·0	31·5	36·8	43·7	32·0	37·9	47·0	33·2	40·1	52·9	36·6	44·8	59·3	40·9	50·1	65·4	46·9	56·2
	Leith	18	44·2	33·7	39·0	45·5	33·8	39·7	48·1	34·7	41·4	52·6	38·0	45·3	57·8	42·4	50·1	63·6	48·1	55·9
	Marchmont ..	498	41·5	31·1	36·3	42·7	31·6	37·2	45·7	32·6	39·2	50·5	35·8	43·2	55·9	39·9	47·9	62·2	45·7	54·0
2. ENGLAND, N.E.	Alnwick Castle	210	42·2	33·4	37·8	42·9	33·8	38·4	45·4	35·0	40·2	49·1	37·6	43·4	54·4	41·9	48·2	60·9	47·9	54·4
	Shields	96	43·2	33·9	38·6	44·0	34·3	39·2	46·6	35·0	40·8	49·9	38·4	44·2	54·5	42·6	48·6	60·6	48·5	54·6
	Seaham	139	42·9	34·0	38·5	44·4	34·5	39·4	47·0	35·3	41·2	50·7	38·4	44·6	55·6	42·4	49·0	61·5	48·3	54·9
	Durham	336	41·8	31·9	36·9	43·4	32·4	37·9	47·0	33·4	40·2	52·0	36·3	44·2	57 2	40·3	48·8	64·7	46·6	55·7
	Whitby	88	41·9	37·1	39·5	42·2	37·4	39·8	44·1	38·6	41·4	47·9	42·0	45·0	52·2	45·5	48·9	58·2	51·7	55·0
	Scarborough ..	62	42·6	34·4	38·5	43·6	34·8	39·2	46·6	35·9	41·3	50·2	39·1	44·7	55·3	43·2	49·3	61·7	49·4	55·6
	York	38	42·8	32·6	37·7	44·5	33·4	39·0	48·5	34·2	41·4	54·0	37·8	45·9	59·6	42·3	51·0	66·4	48·6	57·5
	Hull	0	42·5	32·5	37·5	44·4	33·0	38·7	48·2	33·7	41·0	53·2	37·1	45·2	58·9	41·4	50·2	66·0	47·7	56·9
	Spurn Head ..	26	41·9	34·6	38·3	42·5	35·4	39·0	45·3	36·6	41·0	49·2	40·3	44·8	54·5	45·0	49·8	60·7	51·2	56·0
	Tealby	251	41·1	32·6	36·9	43·3	33·4	38·4	47·1	34·8	41·0	52·6	38·3	45·5	57·4	42·7	50·1	64·2	48·9	56·6
	Lincoln	58	41·5	32·0	36·8	43·9	33·5	38·7	48·9	34·6	41·8	54·9	38·2	46·6	61·7	42·6	52·2	68·7	49·0	58·9
3. ENGLAND, E. ..	Hillington ..	88	42·0	31·7	36·9	44·2	32·8	38·5	49·2	33·8	41·5	54·7	37·5	46·1	60·3	41·8	51·1	67·5	48·1	57·8
	Yarmouth ..	9	41·5	33·6	37·6	42·5	34·0	38·3	45·5	35·5	40·5	49·5	40·0	44·8	55·2	44·8	50·0	62·0	51·2	56·6
	Lowestoft ..	84	42·5	33·8	38·2	43·7	34·2	39·0	47·0	35·3	41·2	51·1	39·3	45·2	56·1	44·0	50·1	62·7	50·1	56·4
	Geldeston ..	37	43·1	32·9	38·0	44·4	33·6	39·0	48·7	34·4	41·6	53·5	38·0	45·8	59·3	42·4	50·9	65·8	48·7	57·3
	Cambridge .	41	43·3	31·6	37·5	45·7	32·3	39·0	50·7	33·1	41·9	56·7	37·2	47·0	62·3	42·0	52·2	68·9	48·6	58·8
	Bennington ..	407	41·8	32·8	37·3	43·3	33·3	38·3	48·0	34·5	41·3	54·1	38·1	46·1	60·0	42·4	51·2	66·9	48·7	57·8
	Rothamsted ..	424	42·1	32·0	37·1	43·9	32·9	38·4	48·5	33·7	41·1	54·4	37·2	45·8	60·0	41·9	51·0	66·7	48·3	57·5
	Berkhamsted ..	400	42·4	32·1	37·3	44·5	32·9	38·7	49·1	33·8	41·5	55·2	37·2	46·2	60·7	41·5	51·1	67·4	48·0	57·7
	Barnet	211	42·8	31·5	37·2	45·4	31·8	38·6	50·6	32·3	41·5	56·9	35·6	46·3	63·3	40·0	51·7	70·0	46·6	58·3
	Shoeburyness ..	13	43·1	33·5	38·3	44·9	34·7	39·8	49·2	35·7	42·5	54·8	39·7	47·3	60·7	44·4	52·6	67·8	51·2	59·5
4. MIDLAND COS.	Harrogate ..	476	41·3	32·4	36·9	42·3	33·0	37·7	45·9	34·0	40·0	51·4	37·0	44·2	56·7	41·0	48·9	63·6	47·4	55·5
	Wakefield ..	96	43·0	33·5	38·3	44·3	33·9	39·1	47·5	34·7	41·1	53·1	37·6	45·4	58·9	42·2	50·6	65·4	48·2	56·8
	Bawtry	65	42·5	32·1	37·3	44·7	33·2	39·0	48·9	34·0	41·5	55·1	37·2	46·2	60·9	41·3	51·1	67·7	48·0	57·9
	Sheffield	429	43·0	33·5	38·3	44·4	34·4	39·4	48·1	35·1	41·6	53·6	38·8	46·2	59·1	42·6	50·9	65·6	48·9	57·3
	Buxton	987	40·4	30·1	35·3	41·8	30·3	36·1	45·5	31·4	38·5	51·3	34·7	43·0	56·9	39·0	48·0	63·8	45·4	54·6
	Nottingham ..	82	42·4	32·5	37·5	44·5	33·4	39·0	48·7	34·4	41·6	54·6	38·2	46·4	60·4	42·5	51·5	67·7	48·8	58·3
	Cheadle	646	41·0	32·2	36·6	42·6	32·8	37·7	46·6	33·9	40·3	52·3	37·3	44·8	57·6	41·7	49·7	63·8	47·9	55·9
	Belvoir Castle ..	259	42·0	32·6	37·3	44·2	33·2	38·7	48·6	32·7	40·7	54·6	37·2	45·9	60·5	41·5	51·0	67·6	48·2	57·9
	Colly Weston ..	281	42·9	30·7	36·8	45·3	32·2	38·8	50·0	33·2	41·6	55·6	37·5	46·6	61·6	42·0	51·8	68·5	47·8	58·2
	Birmingham ..	535	41·9	33·6	37·8	43·4	34·4	38·9	47·1	35·3	41·2	52·6	38·7	45·7	58·3	43·1	50·7	65·2	49·5	57·4
	Coventry.. ..	270	43·5	32·1	37·8	45·8	31·0	39·4	50·1	34·1	42·1	56·2	37·7	47·0	62·6	42·1	52·4	69·2	48·3	58·8
Factors for computing Mean Temperature. *See* foot note.			0·520			0·500			0·485			0·476			0·470			0·465		

The third column under the name of each month gives the average of the readings of the maximum and minimum thermometers for that month. A closer approximation to the true
a certain fraction of the difference between it and the average maximum reading. This fraction is different

at STATIONS in the BRITISH ISLES, derived from Observations extending over the 35 Years 1871–1905.

July.			August.			September.			October.			November.			December.			Whole Year.			STATIONS.
Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	
°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	
57·4	48·3	52·8	57·5	48·4	53·0	54·9	46·3	50·6	49·7	41·7	45·7	46·0	38·5	42·3	43·1	36·1	39·6	48·9	40·5	44·7	Sumburgh Head.
58·8	49·5	54·2	58·3	49·6	54·0	55·6	47·4	51·5	50·3	42·5	46·4	46·0	38·8	42·4	43·3	36·0	39·7	49·6	41·2	45·4	Deerness (Orkney).
61·7	48·9	55·3	61·2	48·5	54·9	58·0	45·8	51·9	51·9	40·4	46·2	46·7	36·8	41·7	43·1	33·6	38·4	51·2	39·8	45·5	Wick.
60·5	49·0	54·8	60·2	49·0	54·6	57·1	45·8	51·5	51·3	40·3	45·8	47·0	37·5	42·3	43·9	34·7	39·3	51·1	40·3	45·7	Stornoway.
63·7	46·9	55·3	63·2	46·7	55·0	59·7	42·6	51·2	51·9	37·1	44·5	45·4	33·0	39·2	40·6	29·1	34·9	51·8	36·5	44·2	Lairg.
63·5	49·6	56·5	61·7	48·4	55·0	58·4	45·1	51·8	51·2	39·1	45·2	45·6	35·2	40·4	41·6	31·2	36·4	51·4	39·2	45·3	Strathpeffer Spa (1885).
61·6	48·9	55·3	61·2	48·6	54·9	58·4	44·6	51·5	51·1	39·3	45·2	45·6	35·7	40·7	41·7	32·2	37·0	51·2	39·0	45·1	Glencarron (1885).
64·3	49·8	57·1	63·6	50·1	56·9	61·0	45·6	53·3	53·2	40·0	46·6	46·9	36·6	41·8	43·0	33·0	38·0	53·0	40·0	46·5	Fort Augustus (1884).
63·8	50·6	57·2	63·5	51·0	57·3	60·6	46·8	53·7	53·4	41·3	47·4	47·6	37·8	42·7	44·1	34·7	39·4	53·2	41·2	47·2	Fort William (1884).
64·6	50·1	57·4	63·8	49·6	56·7	60·0	45·8	52·9	52·4	39·6	46·0	46·4	35·5	41·0	42·6	32·4	37·5	52·7	39·6	46·2	Nairn.
63·7	50·7	57·2	62·9	50·0	56·5	59·3	46·7	53·0	52·5	41·2	46·9	46·6	37·1	41·9	42·5	33·5	38·0	52·0	40·6	46·3	Aberdeen.
62·8	47·3	55·1	61·2	46·4	53·8	56·9	42·7	49·8	49·2	37·0	43·1	43·4	32·9	38·2	39·9	29·1	34·5	50·0	36·5	43·3	Braemar.
67·3	50·2	58·8	65·8	49·2	57·5	61·2	45·6	53·4	53·4	39·4	46·4	46·7	35·4	41·0	42·3	31·9	37·1	53·9	39·4	46·7	Ochtertyre.
66·7	51·5	59·1	66·0	51·3	58·7	62·2	47·6	54·9	54·7	41·6	48·2	48·5	37·6	43·1	44·5	34·3	39·4	54·5	41·2	47·9	Leith.
65·1	49·2	57·2	64·1	48·5	56·3	60·0	45·0	52·5	52·0	39·5	45·8	45·9	35·2	40·6	41·6	31·5	36·6	52·3	38·8	45·6	Marchmont.
64·6	51·5	58·1	63·6	50·9	57·3	59·5	47·4	53·5	52·4	41·8	47·1	47·0	37·6	42·3	42·6	34·0	38·3	52·1	41·1	46·6	Alnwick Castle.
64·5	52·1	58·3	64·0	51·6	57·8	60·4	48·2	54·3	53·5	42·2	47·9	48·0	38·2	43·1	43·7	34·5	39·1	52·7	41·6	47·2	Shields.
65·7	51·8	58·7	64·7	51·4	58·0	60·8	48·3	54·5	53·4	42·4	47·9	47·8	38·4	43·1	43·2	34·4	38·8	53·2	41·6	47·4	Seaham (1876).
68·4	50·5	59·5	66·6	50·0	58·3	61·7	46·5	54·1	53·5	40·5	47·0	46·9	36·3	41·6	42·3	32·7	37·5	53·8	39·8	46·8	Durham.
62·4	55·5	59·0	61·7	55·1	58·4	57·9	52·1	55·0	51·9	46·7	49·3	46·5	41·8	44·2	42·6	37·9	40·3	50·8	45·1	48·0	Whitby (1888).
65·9	52·8	59·4	64·8	52·5	58·7	60·9	49·5	55·2	53·6	43·6	48·6	47·9	39·3	43·6	43·3	35·0	39·2	53·0	42·5	47·8	Scarborough.
69·2	52·2	60·7	67·9	51·5	59·7	63·3	47·6	55·5	54·7	41·3	48·0	48·0	37·1	42·6	43·1	33·2	38·2	55·2	41·0	48·1	York.
69·6	51·6	60·6	68·2	50·9	59·6	63·3	47·3	55·3	54·9	41·2	48·1	48·0	36·8	42·4	42·8	32·9	37·9	55·0	40·5	47·8	Hull.
65·3	55·1	60·2	64·8	54·9	59·9	61·1	52·4	56·8	53·8	45·6	49·7	47·7	40·6	44·2	43·2	35·9	39·6	52·5	44·0	48·3	Spurn Head (1880).
68·2	52·6	60·4	66·7	52·0	59·4	62·3	48·8	55·6	53·9	42·5	48·2	46·9	37·4	42·2	41·8	32·9	37·4	53·8	41·4	47·6	Tealby (1892).
71·5	52·3	61·9	69·4	51·6	60·5	64·3	48·2	56·3	54·7	41·7	48·2	47·4	36·9	42·1	41·8	33·0	37·4	55·7	41·1	48·4	Lincoln (1888)
71·2	51·6	61·4	69·9	51·1	60·5	64·9	47·4	56·2	55·8	41·3	48·6	47·9	36·7	42·3	42·5	32·5	37·5	55·8	40·5	48·2	Hillington.
68·4	55·0	60·7	66·2	54·7	60·5	62·3	51·4	56·9	54·5	44·7	49·6	48·0	39·4	43·7	42·8	34·4	38·6	53·0	43·2	48·1	Yarmouth.
67·5	53·8	60·6	67·4	53·7	60·6	63·6	50·6	57·1	56·0	44·2	50·1	49·2	39·3	44·3	43·9	34·4	39·2	54·2	42·7	48·5	Lowestoft (1879).
70·1	52·4	61·3	69·4	51·7	60·6	64·9	48·7	56·8	56·4	42·4	49·4	49·1	37·9	43·5	43·7	33·4	38·6	55·7	41·4	48·6	Geldeston (1880).
72·4	52·4	62·4	71·2	51·8	61·5	66·2	47·9	57·1	56·7	41·0	48·9	49·2	36·0	42·6	43·8	32·2	38·0	57·2	40·5	48·9	Cambridge.
70·6	52·4	61·5	69·6	52·0	60·8	64·3	48·6	56·5	55·3	42·0	48·7	47·5	37·2	42·4	42·6	33·6	38·1	55·3	41·3	48·3	Bennington (1885).
70·3	51·8	61·1	69·0	51·3	60·2	63·9	47·5	55·7	54·9	41·1	48·0	48·1	36·4	42·3	43·0	33·0	38·0	55·4	40·6	48·0	Rothamsted.
71·2	51·4	61·3	69·9	51·1	60·5	65·2	47·3	56·3	55·7	41·1	48·4	48·4	36·4	42·4	43·2	33·1	38·2	56·2	40·5	48·4	Berkhamsted (1886).
73·8	50·4	62·1	72·4	49·4	60·9	67·0	45·5	56·3	57·3	39·5	48·4	49·2	35·4	42·3	43·2	31·4	37·3	57·7	39·1	48·4	Barnet (1881).
71·8	54·8	63·3	70·9	54·8	62·9	66·0	51·2	58·6	57·1	44·8	51·0	49·5	39·4	44·5	44·3	34·9	39·6	56·7	43·3	50·0	Shoeburyness (1888).
66·4	51·1	58·8	65·3	50·7	58·0	60·5	47·6	54·1	52·4	41·3	46·9	46·4	37·0	41·7	41·8	33·0	37·4	53·0	40·5	46·7	Harrogate (1886).
68·2	51·7	60·0	66·8	51·0	58·9	62·4	47·4	54·9	54·2	41·3	47·8	48·2	37·5	42·9	43·7	34·0	38·9	54·6	41·1	47·9	Wakefield (1878).
70·6	51·3	61·0	69·0	50·6	59·8	64·2	46·5	55·4	54·8	40·4	47·6	48·0	36·5	42·3	42·9	32·6	37·8	55·8	40·3	48·1	Bawtry (1880).
68·9	52·4	60·7	68·0	52·0	60·0	63·5	48·6	56·1	55·0	42·6	48·8	48·6	38·2	43·4	44·0	34·3	39·2	55·2	41·8	48·5	Sheffield (1886).
66·3	49·2	57·8	65·0	48·5	56·8	60·5	44·6	52·6	51·8	38·6	45·2	45·6	34·7	40·2	41·2	30·7	36·0	52·5	38·1	45·3	Buxton (1875).
70·8	52·2	61·5	69·0	51·5	60·3	64·1	47·6	55·9	55·1	41·5	48·3	48·0	36·9	42·5	43·4	33·0	38·2	55·7	41·0	48·4	Nottingham.
66·4	51·3	58·9	65·3	50·5	57·9	61·0	47·3	54·2	52·7	41·0	46·9	46·3	36·6	41·5	41·5	32·7	37·1	53·1	40·4	46·8	Cheadle (1875).
71·0	51·8	61·4	69·0	51·1	60·1	64·0	47·6	55·8	55·0	41·0	48·0	47·9	37·0	42·5	42·7	32·8	37·8	55·6	40·6	48·1	Belvoir Castle (1896).
71·9	52·2	62·0	70·6	51·5	61·1	65·5	47·1	56·3	55·9	41·1	48·5	48·4	36·5	42·5	43·0	32·1	37·5	56·6	40·3	48·5	Colly Weston (1884).
67·9	52·9	60·4	66·8	52·4	59·6	61·9	49·1	55·5	53·5	42·8	48·2	47·3	38·1	42·7	42·8	34·5	38·7	54·1	42·0	48·1	Birmingham (1887).
72·1	51·8	62·0	70·6	51·0	60·8	65·1	47·2	56·2	56·1	41·2	48·7	49·2	36·6	42·9	43·9	32·7	38·3	57·0	40·7	48·9	Coventry (1894).
0·465			0·470			0·476			0·485			0·500			0·520			—			

mean temperature may be obtained,—according to the practice followed in the compilation of the tables of the Weekly Weather Report,—by adding to the average minimum reading for different months, and is represented by the factors entered at the foot of the columns of the several months.

TABLE I. (*continued*).—SHOWING the AVERAGE TEMPERATURES for EACH MONTH and for the WHOLE

DISTRICTS.	STATIONS.	Height above M.S.L.	January.			February.			March.			April.			May.			June.		
			Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
		Feet.	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°
4. MIDLAND COS.—*cont.*	Rugby	379	41·9	31·6	36·8	44·3	32·7	38·5	49·1	33·6	41·4	54·8	37·3	46·1	60·3	41·4	50·9	66·9	48·1	57·5
	Hereford	291	43·7	32·9	38·3	45·5	33·8	39·7	49·7	34·9	42·3	55·2	38·2	46·7	61·5	42·4	52·0	67·9	48·6	58·3
	Cheltenham ..	184	43·2	33·4	38·3	45·0	33·7	39·4	49·0	31·3	41·7	55·1	37·9	46·5	61·2	42·0	51·6	67·8	48·6	58·2
	Oxford	208	43·1	33·4	38·3	45·1	34·3	39·7	49·3	34·9	42·1	55·2	38·9	47·1	60·9	43·5	52·2	67·2	50·0	58·6
	Cirencester ..	446	42·7	31·9	37·3	44·2	32·6	38·4	48·2	33·5	40·9	54·1	36·9	45·5	60·0	41·4	50·7	66·4	47·5	57·0
LONDON	Camden Square	110	43·4	33·8	38·6	45·4	34·6	40·0	50·4	35·5	43·0	57·4	39·6	48·5	64·1	44·4	54·3	70·9	50·8	60·9
	Brixton	77	43·9	33·8	38·9	45·7	34·7	40·2	50·1	35·6	42·9	56·5	39·9	48·2	62·6	44·6	53·6	69·3	50·8	60·1
	Kew	18	43·0	34·4	38·7	44·7	35·3	40·0	48·9	36·0	42·5	55·0	39·8	47·4	60·9	44·2	52·6	67·6	50·7	59·2
	Norwood ..	220	43·2	33·9	38·6	45·2	34·6	39·9	49·7	35·3	42·5	55·8	39·1	47·5	62·1	43·4	52·8	68·7	49·9	59·3
5. ENGLAND, S. ..	Marlborough ..	424	42·8	32·1	37·5	44·6	33·1	38·9	48·6	33·6	41·1	54·7	37·0	45·9	60·8	41·0	50·9	67·1	47·2	57·2
	Margate	83	43·1	34·9	39·0	44·4	35·6	40·0	47·9	36·8	42·4	52·9	40·8	46·9	59·3	45·4	52·4	64·7	51·5	58·1
	Tunbridge Wells	421	42·2	32·5	37·4	44·1	33·6	38·9	48·3	34·9	41·6	54·1	38·6	46·4	59·9	42·8	51·4	67·0	49·1	58·1
	Swarraton ..	310	42·5	32 3	37·4	44·2	33·3	38·8	48·1	34·1	41·1	54·0	37·4	45·7	59·9	41·3	50·6	65·7	47·8	56·8
	Salisbury	180	44·3	30·7	37·5	46·8	31·7	39·3	51·5	32·4	42·0	58·3	35·9	47·1	65·0	40·2	52·6	71·1	46·8	59·0
	Shaftesbury ..	722	41·4	33·4	37·4	42·6	34·1	38·4	46·6	35·1	40·9	52·3	38·7	45·5	58·0	43·0	50·5	64·0	49·0	56·5
	Dungeness ..	21	43·6	35·2	39·4	44·4	35·6	40·0	46·9	36·8	41·9	51·7	41·2	46·5	57·3	46·1	51·7	63·1	52·2	57·7
	Southampton ..	78	44·5	35·1	39·8	46·4	35·9	41·2	50·5	36·7	43·6	56·3	40·5	48·4	62·4	44·9	53·7	68·2	51·2	59·7
	Hastings	178	43·4	35·5	39·5	44·1	36·1	40·1	47·5	37·2	42·4	52·8	41·1	47·0	58·4	45·4	51·9	64·1	51·5	57·8
	Brighton	31	44·0	35·6	39·8	45·0	36·2	40·6	48·4	37·1	42·7	53·8	41·4	47·6	60·3	45·8	53·0	66·3	51·9	59·1
	Worthing ..	33	43·2	34·6	38·9	44·5	35·4	40·0	48·0	36·4	42·2	53·7	40·4	47·1	59·6	44·9	52·3	65·5	50·9	58·2
	Portsmouth ..	11	44·4	34·9	39·7	45·4	35·8	40·6	49·0	37·0	43·0	54·5	40·5	47·5	60·7	45·2	53·0	66·6	51·4	59·0
	Eastbourne ..	39	44·4	35·9	40·2	45·5	36·5	41·0	48·7	37·3	43·0	54·1	41·1	47·6	59·7	43·5	52·6	65·3	51·5	58·4
	Totland Bay ..	84	43·7	36·1	39·9	44·3	36·5	40·4	47·4	37·5	42·5	52·7	41·1	46·9	58·6	44·8	51·7	63·7	51·2	57·5
	Ventnor .. .	80	45·7	37·8	41·7	46·3	38·1	42·2	49·4	38·8	44·1	54·3	42·1	48·2	59·8	46·3	53·1	64·9	52·2	58·6
6. SCOTLAND, W. AND ISLE OF MAN.	Laudale	14	44 7	35·2	40·0	44·5	35·2	39·9	47·1	35·8	41·5	52·3	38·9	45·6	57·3	43·2	50·3	62·8	48·6	55·7
	Glasgow	180	42·3	34·4	38·4	43·1	34·8	39·0	45·5	35·4	40·5	51·2	38·6	44·9	57·0	42·9	50·0	63·1	48·4	55·8
	Dumfries ..	70	43·0	33·7	38·4	44·5	33·9	39·2	47·9	34·7	41·3	54·0	37·8	45·9	59·8	42·2	51·0	66·1	48·1	57·1
	Cally	120	42·9	33·6	38·3	44·2	33·5	38·9	47·5	34·3	40·9	52·8	37·2	45·0	58·3	41·4	49·9	63·9	47·2	55·6
	Douglas .. .. (Cronkbourne).	137	44·5	36·6	40·6	44·8	36·5	40·7	46·9	36·6	41·8	51·5	39·2	45·4	56·7	43·1	49·9	62·4	48·3	55·4
7. ENGLAND, N.W. AND NORTH WALES.	Carlisle	111	43·3	32·4	37·9	45·1	32·9	39·0	48·6	33·7	41·2	54·8	37·0	45·9	60·7	41·2	51·0	67·7	47·3	57·5
	Newton Rigg ..	559	41·8	31·7	36·8	42·8	31·3	37·1	46·5	32·6	39·6	52·7	36·0	44·4	58·1	40·1	49·1	64·6	45·5	55·1
	Stonyhurst ..	375	41·9	33·5	37·7	43·4	34·0	38·7	46·5	34·6	40·6	52·3	38·0	45·2	58·1	42·5	50·3	64·6	48·5	56·6
	Blackpool ..	66	43·0	33·8	38·4	44·1	34·5	39·3	47·1	35·5	41·3	53·0	38·6	45·8	58·3	43·0	50·7	64·4	49·3	56·8
	Southport ..	37	42·7	34·4	38·6	44·2	34·9	39·6	47·1	35·9	41·5	52·8	38·9	45·9	57·9	43·1	50·5	64·0	49·7	56·9
	Prestwich ..	320	42·4	33·3	37·9	43·9	33·5	38·7	47·4	34·7	41·1	52·9	38·1	45·5	58·4	42·3	50·4	65·0	48·4	56·7
	Liverpool (Bidston).	188	43·4	35·1	39·3	44·3	35·7	40·0	47·2	36·9	42·1	52·8	40·4	46·6	58·0	45·0	51·5	64·0	51·1	57·6
	Holyhead ..	48	45·3	38·4	41·9	45·3	38·2	41·8	47·2	38·8	43·0	51·5	41·9	46·7	56·0	45·9	51·0	61·6	51·2	56·4
	Llandudno ..	71	45·6	37·0	41·3	46·3	37·2	41·8	48·4	38·0	43·2	53·1	41·1	47·1	58·0	45·2	51·6	64·1	51·1	57·6
8. SOUTH WALES AND ENGLAND, S.W.	*Llangammarch Wells.*	550	43·5	33·1	38·3	44·6	32·4	38·5	47·9	33·4	40·7	53·4	36·7	45·1	59·5	39·1	49·3	66·1	46·3	56·2
	Pembroke (St. Ann's Head).	149	45·6	39·5	42·6	45·5	39·2	42·4	46·7	39·2	43·0	50·6	42·3	46·5	55·2	46·1	50·7	60·5	51·7	56·1
	Clifton	229	43·6	35·5	39·6	45·3	35·7	40·5	48·0	36·8	42·4	53·8	41·0	47·4	61·3	45·4	53·4	67·4	51·3	59·4
	Woolacombe ..	59	46·6	39·3	43·0	47·6	40·2	43·9	49·9	40·1	45·0	54·8	43·7	49·3	59·6	48·4	54·0	65·4	54·0	59·7
	Arlington ..	613	44·1	35·6	39·9	45·3	35·9	40·6	47·2	35·1	41·2	51·8	38·8	45·3	58·1	43·1	50·6	63·2	49·2	56·2
	Barnstaple ..	24	46·5	37·1	41·8	47·9	37·8	42·9	50·7	38·4	44·6	56·1	42·3	49·2	61·8	46·5	54·2	67·6	52·4	60·0
	Cullompton ..	202	44·6	35·0	39·8	46·9	35·3	41·1	50·4	37·0	43·7	56·2	39·6	47·9	61·6	43·3	52·5	66·9	49·4	58·2
	Plymouth ..	116	46·7	37·5	42·1	47·5	37·9	42·7	50·0	38·3	44·2	54·7	42·1	48·4	60·0	46·3	53·2	65·3	52·2	58·8
	Falmouth ..	167	47·0	40·0	43·5	47·2	40·2	43·7	48·7	40·1	44·4	52·4	43·3	47·9	57·3	46·8	52·1	62·9	52·3	57·6
	Newquay ..	250	47·1	40·2	43·7	47·4	40·2	43·8	48·5	40·7	44·6	52·2	43·8	48·0	56·4	47·0	51·7	61·9	52·4	57·2
Factors for computing Mean Temperature. *See* foot note.			0·520			0·500			0·485			0·476			0·470			0·465		

The third column under the name of each month gives the average of the readings of the maximum and minimum thermometers for that month. A closer approximation to the true
a certain fraction of the difference between it and the average maximum reading. This fraction is different

YEAR, at STATIONS in the BRITISH ISLES, derived from Observations extending over the 35 Years 1871–1905.

July.			August.			September.			October.			November.			December.			Whole Year.			STATIONS.
Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	
°	°	°	°	°	°		°	°	°	°	°	°	°	°	°	°	°	°	°	°	
69·6	51·8	60·7	68·6	51·1	59·9	64·1	47·0	55·6	54·8	40·4	47·6	48·0	35·9	42·0	42·8	32·2	37·5	55·4	40·3	47·9	Rugby (1881).
70·5	51·8	61·2	69·5	51·1	60·3	64·4	47·1	55·8	55·4	41·3	48·4	48·7	37·4	43·1	44·1	33·5	38·8	56·3	41·1	48·7	Hereford (1876).
70·5	51·9	61·2	69·6	51·3	60·5	64·2	47·0	55·6	55·1	41·0	48·1	48·7	37·6	43·2	44·1	33·7	38·9	56·1	41·0	48·6	Cheltenham (1879).
70·4	53·6	62·0	69·2	52·9	61·1	64·5	48·7	56·6	55·7	42·1	48·9	48·7	37·7	43·2	43·7	34·1	38·9	56·1	42·0	49·0	Oxford.
69·4	51·2	60·3	68·2	49·8	59·0	63·3	46·9	55·1	54·4	40·7	47·6	47·6	36·2	41·9	43·5	32·2	37·8	55·2	40·1	47·6	Cirencester (1878).
74·3	54·4	64·4	72·7	53·8	63·3	67·1	49·8	58·5	57·0	43·2	50·1	49·2	38·5	43·9	44·1	34·8	39·5	58·0	42·8	50·4	Camden Square.
72·9	54·4	63·7	71·8	53·6	62·7	66·6	49·7	58·2	56·8	42·9	49·9	49·6	38·4	44·0	44·7	34·6	39·7	57·5	42·8	50·2	Brixton.
71·2	54·4	62·8	69·8	53·6	61·7	64·7	49·5	57·1	55·5	42·8	49·2	48·6	38·4	43·5	43·7	34·9	39·3	56·1	42·8	49·5	Kew.
72·4	53·4	62·9	71·1	52·8	62·0	65·9	49·2	57·6	56·3	42·7	49·5	48·9	38·1	43·5	44·0	34·4	39·2	56·9	42·2	49·6	Norwood (1878).
70·0	50·4	60·2	68·9	49·8	59·4	64·1	45·6	54·9	55·2	40·0	47·6	48·2	36·0	42·1	43·4	32·7	38·1	55·7	39·9	47·8	Marlborough (1876).
69·5	55·3	62·4	68·9	55·6	62·3	64·7	52·5	58·6	56·4	45·7	51·1	49·7	40·6	45·2	44·8	35·8	40·3	55·5	44·2	49·9	Margate (1881).
70·2	52·6	61·4	69·2	52·1	60·7	64·6	48·7	56·7	55·3	42·3	48·8	48·1	37·6	42·9	43·2	33·6	38·4	55·5	41·5	48·5	Tunbridge Wells (1881–5 ; 1891).
69·1	51·4	60·3	68·0	51·0	59·5	63·6	47·3	55·5	55·0	41·0	48·0	48·3	36·6	42·5	43·4	32·9	38·2	55·2	40·5	47·9	Swarraton (1880).
74·4	50·3	62·4	72·8	49·6	61·2	67·4	45·6	56·5	58·2	39·3	48·8	50·6	34·9	42·8	45·1	31·4	38·3	58·8	39·1	49·0	Salisbury.
67·3	53·0	60·2	66·5	52·2	59·4	62·4	49·6	56·0	53·9	43·4	48·7	47·3	38·6	43·0	42·7	34·3	38·5	53·8	42·0	47·9	Shaftesbury (1895).
67·1	56·0	61·6	67·5	56·5	62·0	64·1	52·9	58·5	56·7	46·0	51·4	50·1	40·8	45·4	45·3	36·5	40·9	54·8	44·7	49·8	Dungeness.
71·5	54·6	63·1	70·7	54·2	62·4	66·1	50·4	58·3	57·7	44·1	50·9	50·4	39·4	44·9	45·6	35·9	40·7	57·5	43·5	50·5	Southampton.
67·6	55·2	61·4	67·7	55·5	61·6	64·1	52·2	58·2	56·4	45·8	51·1	49·7	40·8	45·3	44·9	36·6	40·8	55·1	44·4	49·8	Hastings (1875).
69·3	55·6	62·5	68·8	55·6	62·2	65·0	52·3	58·6	57·3	45·9	51·6	50·4	41·1	45·8	45·5	36·8	41·2	56·2	44·6	50·4	Brighton (1871–85 ; 1889).
68·3	54·6	61·5	68·3	54·7	61·5	64·7	51·3	58·0	56·7	44·8	50·8	49·6	39·8	44·7	44·5	35·8	40·2	55·5	43·6	49·6	Worthing (1881).
70·0	54·8	62·4	69·4	55·3	62·4	65·3	51·6	58·5	57·3	45·2	51·3	50·4	40·4	45·4	45·6	36·5	41·1	56·6	44·1	50·3	Portsmouth (1881).
68·4	55·3	61·9	68·9	55·6	62·2	65·1	52·1	58·6	55·8	44·9	50·4	49·4	40·4	44·9	44·9	36·3	40·6	55·8	44·4	50·1	Eastbourne (1888).
66·3	55·1	60·7	67·4	56·0	61·7	63·5	52·0	57·8	56·2	46·1	51·2	49·8	41·6	45·7	45·4	37·4	41·4	54·9	44·6	49·8	Totland Bay (1889).
68·0	56·0	62·0	68·2	56·5	62·4	65·0	53·7	59·4	57·8	48·0	52·9	51·6	43·3	47·4	47·2	39·1	43·2	56·6	46·0	51·3	Ventnor (1876).
63·8	51·2	57·5	63·1	51·0	57·1	59·7	47·7	53·7	53·4	41·9	47·7	48·5	38·7	43·6	45·5	35·9	40·7	53·6	41·9	47·8	Laudale (1879).
64·6	51·4	58·0	63·3	50·9	57·1	59·0	47·4	53·2	51·9	41·7	46·8	46·4	38·1	42·3	42·8	34·8	38·8	52·5	41·6	47·1	Glasgow.
67·6	51·5	59·6	66·6	50·7	58·7	62·6	46·7	54·7	54·4	40·9	47·7	47·8	36·9	42·4	43·2	33·8	38·5	54·8	40·9	47·9	Dumfries.
65·6	50·0	57·8	64·2	49·3	56·8	60·2	46·2	53·2	53·7	40·4	47·1	47·8	36·7	42·3	43·6	33·7	38·7	53·7	40·3	47·0	Cally.
64·1	51·3	57·7	63·4	51·1	57·3	60·3	48·2	54·3	54·0	43·1	48·6	49·1	40·3	44·7	46·1	37·4	41·8	53·7	42·6	48·2	Douglas (1878).
69·5	50·9	60·2	68·4	50·0	59·2	63·8	46·3	55·1	55·2	40·2	47·7	48·1	36·0	42·1	43·3	32·4	37·9	55·7	40·0	47·9	Carlisle.
66·5	49·3	57·9	65·1	48·5	56·8	61·2	44·6	52·9	52·9	39·3	46·1	46·7	34·9	40·8	42·0	31·7	36·9	53·4	38·8	46·1	Newton Rigg (1883–93 ; 1900).
66·4	51·8	59·1	65·2	51·4	58·3	61·1	47·8	54·5	53·0	41·9	47·5	47·2	37·8	42·5	42·7	33·9	38·3	53·5	41·3	47·4	Stonyhurst.
66·4	53·3	59·9	65·9	52·9	59·4	61·5	49·4	55·5	54·7	43·3	49·0	48·4	38·7	43·6	43·9	35·0	39·5	54·2	42·3	48·3	Blackpool (1880).
65·8	53·6	59·7	65·6	53·3	59·5	61·4	49·1	55·3	54·2	43·0	48·6	47·9	38·7	43·3	43·4	35·2	39·3	53·9	42·5	48·2	Southport (1889).
67·3	51·7	59·5	66·2	51·3	58·8	62·0	47·7	54·9	54·0	41·6	47·8	47·6	37·5	42·6	43·1	33·6	38·4	54·2	41·1	47·7	Prestwich.
66·1	54·4	60·3	65·5	54·3	59·9	61·4	50·8	56·1	53·8	44·6	49·2	48·2	39·9	44·1	44·3	36·1	40·2	54·1	43·7	48·9	Liverpool.
63·7	54·1	58·9	63·8	54·5	59·2	60·8	52·2	56·5	54·7	46·9	50·8	50·0	42·9	46·5	46·7	39·5	43·1	53·9	45·4	49·7	Holyhead.
66·6	54·3	60·5	66·5	54·3	60·4	62·5	51·4	57·0	55·4	45·8	50·6	50·2	41·4	45·8	46·5	38·1	42·3	55·3	44·6	49·9	Llandudno.
69·6	49·4	59·5	67·1	48·5	57·8	62·5	45·0	53·8	55·0	39·8	47·4	48·0	35·4	41·7	44·6	33·4	39·0	55·2	39·4	47·3	*Llangammarch Wells (1896–1905).*
62·7	55·0	58·9	63·1	55·7	59·4	60·5	53·1	56·8	55·1	48·0	51·6	50·7	43·8	47·3	47·5	40·9	44·2	53·6	46·2	49·9	Pembroke.
69·6	55·5	62·6	68·9	54·3	61·6	64·3	51·0	57·7	55·1	44·3	49·7	49·0	40·0	44·5	44·8	36·4	40·6	55·9	43·9	49·9	Clifton (1893).
66·9	57·3	62·1	67·7	57·7	62·7	64·3	55·0	59·7	57·6	50·1	53·9	52·0	44·9	48·5	47·7	41·3	44·5	56·7	47·7	52·2	Woolacombe (1896).
65·8	52·9	59·4	65·9	51·8	58·9	62·1	49·0	55·5	54·7	43·6	49·2	48·8	38·9	43·9	45·0	35·5	40·3	54·3	42·5	48·4	Arlington (1881).
69·7	55·4	62·6	69·5	55·1	62·3	65·2	51·7	58·5	57·8	45·8	51·8	51·8	41·4	46·6	47·6	37·9	42·8	57·7	45·2	51·4	Barnstaple.
70·6	52·7	61·7	69·1	51·9	60·5	65·6	48·6	57·1	56·5	41·0	48·8	49·7	37·9	43·8	45·0	34·0	39·5	56·9	42·1	49·5	Cullompton (1881).
67·9	55·1	61·5	67·5	54·9	61·2	63·8	51·6	57·7	57·0	45·6	51·3	51·7	41·5	46·6	47·9	38·4	43·2	56·7	45·1	50·9	Plymouth.
65·9	55·3	60·6	65·4	55·5	60·5	61·8	53·0	57·4	55·9	47·8	51·9	51·3	44·0	47·7	48·2	41·2	44·7	55·3	46·6	51·0	Falmouth.
64·4	55·8	60·1	65·2	56·3	60·8	62·5	53·5	58·0	56·4	48·4	52·4	51·9	44·1	48·0	48·7	41·4	45·1	55·2	47·0	51·1	Newquay (1893).
0·465			**0·470**			**0·476**			**0·485**			**0·500**			**0·520**			—			

mean temperature may be obtained,—according to the practice followed in the compilation of the tables of the Weekly Weather Report,—by adding to the average minimum reading for different months, and is represented by the factors entered at the foot of the columns of the several months.

TABLE I. (*continued*).—SHOWING the AVERAGE TEMPERATURES for EACH MONTH and for the WHOLE

DISTRICTS.	STATIONS.	Height above M.S.L.	January.			February.			March.			April.			May			June.		
			Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
		Feet.	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°
9. IRELAND, N. ..	Malin Head ..	230	44·9	37·7	41·3	45·3	38·1	41·7	46·3	38·3	42·3	49·9	41·4	45·7	54·1	45·3	49·7	59·0	50·5	54·8
	Donaghadee ..	40	44·6	36·1	40·4	45·6	36·4	41·0	47·5	36·9	42·2	51·2	40·3	45·8	56·0	44·4	50·2	61·3	49·5	55·4
	Edenfel	300	42·7	33·0	37·9	44·3	33·6	39·0	46·8	34·5	40·7	52·3	37·5	44·9	58·0	41·6	49·8	63·5	47·5	55·5
	Armagh	196	43·5	34·4	39·0	45·1	34·9	40·0	47·7	35·3	41·5	52·8	38·3	45·6	58·2	42·5	50·4	63·9	48·4	56·2
	Markree Castle..	122	44·8	34·1	39·5	46·3	34·7	40·5	48·9	35·1	42·0	53·7	38·2	46·0	58·1	41·9	50·0	63·3	47·5	55·4
	Blacksod Point..	37	46·6	38·9	42·8	47·1	38·7	42·9	48·3	39·2	43·8	51·9	42·5	47·2	55·8	46·1	51·0	60·8	51·3	56·1
10. IRELAND, S...	Dublin (Glasnevin).	67	45·8	35·2	40·5	47·1	35·3	41·2	49·3	35·6	42·4	53·5	38·4	46·0	58·2	41·9	50·1	64·5	47·9	56·2
	Dublin (Phœnix Park).	155	45·5	34·7	40·1	46·5	34·7	40·6	48·7	35·0	41·9	52·8	37·8	45·3	57·7	41·3	49·5	63·9	47·1	55·5
	Dublin (City) ..	47	46·0	37·4	41·7	46·9	37·9	42·4	49·2	38·2	43·7	53·6	41·5	47·6	58·8	45·5	52·2	64·5	51·3	57·9
	Birr Castle ..	175	45·3	34·1	39·7	46·7	34·9	40·8	49·6	34·9	42·3	54·7	38·5	46·6	59·8	42·7	51·3	65·0	48·7	56·9
	Kilkenny Castle	212	45·9	35·4	40·7	46·8	36·3	41·6	49·9	36·4	43·2	54·3	39·9	47·1	59·6	43·6	51·6	64·3	50·0	57·2
	Foynes	108	46·4	36·3	41·4	47·4	38·1	42·8	50·2	37·0	43·6	54·5	40·0	47·3	58·4	44·6	51·5	64·2	49·8	57·0
	Waterford ..	20	—	—	41·0	—	—	42·0	—	—	43·1	—	—	46·6	—	—	51·5	—	—	57·2
	Killarney ..	174	48·1	38·1	43·1	48·6	38·0	43·3	51·0	38·4	44·7	54·3	41·2	47·8	59·5	44·8	52·1	63·5	50·3	56·9
	Valencia	30	49·0	40·1	44·6	49·3	40·2	44·8	50·7	40·0	45·4	53·9	43·0	48·5	58·1	46·2	52·2	62·5	51·2	56·9
	Roche's Point ..	32	47·6	39·4	43·5	48·1	39·4	43·8	49·6	39·5	44·6	53·5	42·6	48·1	58·4	46·4	52·4	63·7	51·5	57·6
11. ENGLISH CHANNEL	Scilly (St. Mary's)	131	49·0	42·5	45·8	49·0	42·2	45·6	49·8	42·3	46·1	52·6	45·0	48·8	56·6	48·3	52·5	61·7	53·3	57·5
	Guernsey (Fort Road).	295	46·7	39·8	43·3	47·1	40·0	43·6	49·4	40·6	45·0	53·5	43·8	48·7	58·3	47·2	52·8	63·3	52·1	57·7
	Jersey	25	46·2	38·5	42·4	47·2	39·0	43·1	50·0	40·1	45·1	54·7	43·9	49·3	59·8	47·5	53·7	65·0	53·0	59·0
Factors for computing Mean Temperature. *See* foot note.			0·520			0·500			0·485			0·476			0·470			0·465		

The third column under the name of each month gives the average of the readings of the maximum and minimum thermometers for that month. A closer approximation to the true a certain fraction of the difference between it and the average maximum reading. This fraction is different

NOTE.—The temperatures quoted in Table I are computed from observations of thermometers exposed in Stevenson thermometer screens

YEAR, at STATIONS in the BRITISH ISLES, derived from Observations extending over the 35 Years 1871–1905.

July.			August.			September.			October.			November.			December.			Whole Year.			STATIONS.
Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	
°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	
61·0	53·3	57·2	61·6	53·7	57·7	58·6	51·0	54·8	52·6	45·6	49·1	48·3	41·4	44·9	45·4	38·4	41·9	52·2	44·6	48·4	Malin Head (1885).
63·4	52·0	57·7	62·7	52·2	57·5	60·1	49·4	54·7	53·8	43·5	48·7	48·9	39·8	44·4	46·1	36·9	41·5	53·4	43·1	48·3	Donaghadee (1873).
64·4	50·5	57·5	63·6	49·9	56·8	59·7	46·3	53·0	52·3	40·1	46·2	46·9	36·5	41·7	43·0	32·9	38·0	53·1	40·3	46·7	Edenfel.
65·5	51·3	58·4	64·6	51·0	57·8	60·4	47·2	53·8	53·2	41·4	47·3	47·8	37·7	42·8	43·7	34·5	39·1	53·9	41·4	47·7	Armagh.
64·8	50·4	57·6	64·4	49·8	57·1	61·1	46·3	53·7	54·4	40·6	47·5	49·0	37·2	43·1	45·1	34·1	39·6	54·5	40·8	47·7	Markree Castle (1875).
62·3	53·9	58·1	62·3	54·0	58·2	59·7	51·5	55·6	54·2	45·9	50·1	49·8	41·9	45·9	47·2	39·4	43·3	53·8	45·3	49·6	Blacksod Point (1885).
67·0	51·3	59·2	66·2	50·7	58·5	62·4	47·0	54·7	55·2	41·4	48·3	50·0	38·2	44·1	46·0	35·0	40·5	55·4	41·5	48·5	Glasnevin (1881).
66·1	50·6	58·4	65·4	50·1	57·7	61·6	46·3	54·0	54·5	41·1	47·8	49·6	37·7	43·7	45·8	34·6	40·2	54·8	40·9	47·9	Dublin (Phœnix Park) (1881).
66·8	54·2	60·5	65·7	53·6	59·7	61·7	50·2	55·9	54·7	44·3	49·5	49·9	40·8	45·3	46·3	37·6	42·0	55·3	44·4	49·9	Dublin (City).
66·5	51·7	59·1	65·8	51·3	58·6	61·8	47·3	54·6	54·7	40·6	47·7	49·2	37·1	43·2	45·6	34·3	40·0	55·4	41·3	48·4	Birr Castle.
67·1	52·2	59·7	66·3	52·2	59·3	61·9	48·5	55·2	54·9	42·0	48·5	49·9	38·3	44·1	45·9	35·7	40·8	55·6	42·5	49·1	Kilkenny Castle (1885).
65·0	52·0	58·5	65·0	52·5	58·8	61·9	49·0	55·4	55·3	43·0	49·2	50·5	39·5	45·0	46·8	37·4	42·1	55·5	43·3	49·4	Foynes (1884).
—	—	60·1	—	—	59·1	—	—	55·5	—	—	49·2	—	—	44·8	—	—	41·6	—	—	49·3	Waterford (1885).
65·9	52·6	59·3	65·8	53·1	59·5	62·4	49·8	56·1	56·4	44·1	50·3	51·6	39·8	45·7	48·4	38·4	43·4	56·3	44·1	50·2	Killarney (1881).
64·0	53·9	59·0	64·4	54·1	59·3	61·8	51·4	56·6	56·4	46·2	51·3	52·3	42·8	47·6	50·0	40·7	45·4	56·0	45·8	50·9	Valencia.
65·7	53·8	59·8	65·4	54·0	59·7	61·8	51·3	56·6	55·8	46·1	51·0	51·3	42·3	46·8	48·5	40·0	44·3	55·8	45·5	50·7	Roche's Point.
65·0	56·6	60·8	65·2	57·1	61·2	62·3	54·9	58·6	57·0	50·1	53·6	53·0	46·5	49·8	50·4	43·9	47·2	56·0	48·6	52·3	Scilly (St. Mary's).
67·0	55·8	61·4	67·1	56·6	61·9	64·4	54·6	59·5	57·8	49·5	53·7	52·2	45·1	48·7	48·3	41·3	44·8	56·3	47·2	51·8	Guernsey (Fort Road) (1876).
68·8	56·6	62·7	69·0	57·3	63·2	65·9	54·9	60·4	58·7	49·0	53·9	52·6	44·2	48·4	48·1	40·2	44·2	57·2	47·0	52·1	Jersey.
0·465			**0·470**			**0·476**			**0·485**			**0·500**			**0·520**			—			

mean temperature may be obtained,—according to the practice followed in the compilation of the tables of the Weekly Weather Report,—by adding to the average minimum reading for different months, and is represented by the factors entered at the foot of the columns of the several months.
except in the cases of Barnet, London (Camden Square), Salisbury and Carlisle, where screens of the Glaisher pattern were in use.

TABLE II.—SHOWING the AVERAGE RAINFALL and the AVERAGE NUMBER of RAIN-DAYS for EACH MONTH and for the

DISTRICTS.	STATIONS.	Height above M.S.L.	RAINFALL AND RAIN-DAYS.											
			January.		February.		March.		April.		May.		June.	
			Total.	Days.	Total.	Days.	Total.	Days.	Total.	Days.	Total.	Days.	Total.	Days.
		Feet.	Ins.		Ins.		Ins.		Ins.		Ins.		Ins.	
0. SCOTLAND, N.	Sumburgh Head ..	112	3·97	26	2·88	21	2·96	23	2·06	18	1·85	17	1·85	14
	Deerness	160	3·41	22	2·86	19	2·81	20	1·92	16	1·92	15	1·85	13
	Wick	80	2·39	20	2·09	18	2·14	20	1·82	17	1·87	17	1·81	14
	Stornoway	40	5·25	25	3·89	21	3·91	23	2·68	18	2·45	18	2·44	16
	Lairg	387	3·46	18	2·96	16	3·16	18	2·41	15	2·18	15	2·34	14
	Strathpeffer Spa ..	253	3·11	20	2·63	17	2·59	19	1·79	16	2·08	17	2·08	14
	Glencarron ..	489	10·17	22	7·11	19	7·85	22	5·31	18	4·50	19	4·04	18
	Fort Augustus ..	68	5·57	20	4·07	16	3·68	19	2·27	16	2·30	16	1·99	15
	Fort William ..	175	9·07	22	7·24	18	6·66	21	3·80	17	3·76	17	3·80	15
1. SCOTLAND, E.	Nairn	82	1·90	17	1·59	15	1·83	17	1·27	15	1·67	15	1·86	14
	Aberdeen	46	2·18	18	2·24	17	2·33	19	2·09	17	2·14	16	1·85	15
	Braemar	1,111	2·99	18	2·66	15	2·65	17	2·23	16	2·30	16	2·38	15
	Ochtertyre	296	4·46	19	3·27	15	2·92	16	2·28	14	2·35	14	2·90	13
	Leith	18	1·73	15	1·46	13	1·54	15	1·41	13	1·67	14	1·92	13
	Marchmont	498	2·45	17	2·29	16	2·48	17	2·31	16	2·37	15	2·44	14
2. ENGLAND, N.E.	Alnwick Castle ..	210	2·11	16	2·15	15	2·33	17	2·08	16	2·18	13	2·05	12
	Cockle Park (near Morpeth).	324	2·04	—	2·08	—	2·31	—	2·05	—	2·28	—	2·28	—
	Shields	96	1·60	15	1·48	15	1·69	15	1·59	15	1·71	14	1·84	12
	Newcastle-on-Tyne	152	1·86	—	1·59	—	1·99	—	1·73	—	1·86	—	1·98	—
	Seaham	139	1·70	16	1·59	15	1·87	15	1·78	15	1·99	15	1·97	13
	Durham	336	1·80	16	1·52	15	1·84	16	1·85	16	2·00	14	1·96	13
	Whitby	88	1·76	—	1·68	—	1·85	—	1·68	—	1·87	—	1·96	—
	Scarborough	62	1·87	16	1·79	16	1·79	16	1·77	15	1·96	14	1·96	13
	York	38	1·69	16	1·64	16	1·65	16	1·71	15	1·91	13	2·11	13
	Hull	0	1·70	16	1·74	15	1·73	16	1·68	15	1·89	14	1·98	13
	Spurn Head	26	1·23	14	1·17	13	1·32	15	1·13	13	1·53	13	1·51	12
	Tealby	251	1·71	—	1·82	—	1·78	—	1·82	—	1·90	—	2·06	—
	Lincoln	58	1·63	13	1·56	12	1·42	12	1·56	12	1·78	12	2·07	11
	Fulbeck	180	1·67	15	1·60	13	1·44	16	1·64	14	1·85	15	1·98	13
	Rauceby	124	1·85	—	1·95	—	1·50	—	1·90	—	1·94	—	1·91	—
3. ENGLAND, E.	Hillington	88	1·93	18	1·75	16	1·72	16	1·70	14	1·92	14	2·25	14
	Yarmouth	9	1·62	17	1·53	15	1·64	16	1·64	15	1·78	14	1·90	12
	Lowestoft	84	1·50	15	1·39	13	1·48	15	1·55	13	1·64	13	1·76	11
	Geldeston	37	1·53	17	1·38	15	1·52	15	1·55	14	1·75	13	1·84	12
	Cambridge	41	1·45	15	1·38	13	1·35	13	1·51	14	1·84	14	2·24	12
	Bennington	407	1·97	18	1·67	16	1·62	16	1·76	15	1·95	13	2·03	13
	Dunmow	297	1·76	—	1·56	—	1·64	—	1·63	—	1·75	—	2·20	—
	Rothamsted	424	2·21	20	1·89	16	1·80	16	1·84	16	2·01	14	2·28	13
	Berkhamsted ..	400	2·37	17	2·04	15	1·90	14	1·86	14	2·01	12	2·25	12
	Barnet	211	1·99	14	1·74	13	1·71	12	1·69	12	1·80	11	2·21	11
	Shoeburyness ..	13	1·38	14	1·19	12	1·16	11	1·26	11	1·29	10	1·79	10
	Southend-on-Sea ..	100	1·50	—	1·40	—	1·32	—	1·45	—	1·38	—	2·05	—
4. MIDLAND COS.	Harrogate	476	2·19	18	2·07	17	2·12	16	2·08	16	1·98	13	2·45	13
	Wakefield	96	1·89	14	1·82	14	1·83	14	1·89	13	1·95	13	2·21	11
	Bawtry	65	1·65	15	1·55	14	1·50	14	1·60	13	1·90	13	2·05	12
	Sheffield	429	2·76	17	2·40	15	2·39	15	2·21	14	2·31	13	2·54	13
	Buxton	987	4·66	19	4·00	18	3·93	18	2·87	16	3·27	15	3·42	14

WHOLE YEAR, at STATIONS in the BRITISH ISLES, derived from Observations extending over the 35 Years 1871 to 1905.

RAINFALL AND RAIN-DAYS.														STATIONS.
July.		August.		September.		October.		November.		December.		Annual.		
Total.	Days.	Total.	Days.	Total.	Days.	Total.	Days.	Total.	Days.	Total.	Days.	Total.	Days.	
Ins.		Ins.		Ins.		Ins.		Ins.		Ins.		Ins.		
2·40	18	3·17	19	3·32	20	4·38	25	3·96	24	4·45	26	37·25	251	Sumburgh Head.
2·85	15	2·93	17	3·26	19	4·28	22	3·96	20	4·16	22	36·21	220	Deerness.
2·74	18	2·74	19	2·59	19	3·23	21	2·84	20	2·99	22	29·25	225	Wick.
3·03	21	3·88	21	4·08	21	5·69	24	5·41	24	5·90	26	48·61	258	Stornoway.
3·09	16	3·05	18	2·91	17	3·92	19	3·68	18	3·74	18	36·90	202	Lairg.
3·07	18	2·63	20	2·55	18	3·14	20	2·94	18	3·63	20	32·24	217	Strathpeffer Spa (1885).
5·55	23	7·31	22	8·44	20	9·46	23	9·05	22	10·43	24	89·22	252	*Glencarron (1885–1905).*
2·96	19	3·56	18	3·88	19	4·25	20	4·26	22	5·82	22	44·61	222	*Fort Augustus (1884–1905).*
5·18	21	6·02	20	7·33	19	7·63	21	8·22	21	9·86	23	78·57	235	*Fort William (1877–1905).*
2·77	18	2·65	19	2·37	17	2·47	19	2·21	17	2·08	18	24·67	201	Nairn.
2·90	17	3·08	18	2·71	18	2·94	20	3·22	20	3·06	20	30·74	215	Aberdeen.
2·83	17	3·78	20	3·08	17	3·94	20	3·86	19	3·30	18	36·00	208	Braemar.
3·16	16	3·99	17	3·28	15	4·10	17	4·40	18	4·31	18	41·42	192	Ochtertyre.
2·77	16	2·89	17	2·05	15	2·19	16	2·17	16	1·97	16	23·77	179	Leith.
3·42	17	3·62	17	2·96	17	3·63	20	3·47	19	2·95	19	34·40	204	Marchmont.
2 81	15	3·21	16	2·59	16	3·56	18	3·51	18	3·02	18	31·58	190	Alnwick Castle.
2·70	—	3·02	—	2·41	—	3·20	—	3·02	—	2·72	—	30·09	182	Cockle Park (1885) (near Morpeth).
2·66	15	2·84	16	2·03	14	2·93	17	2·44	16	2·17	16	24·98	180	Shields.
2·95	—	3·11	—	2·17	—	3·00	—	2·67	—	2·51	—	27·42	—	Newcastle (1871–1890 and 1901–1905).
2·98	16	2·74	16	2·14	15	3·06	18	2·67	17	2·40	16	26·89	187	Seaham.
2·95	15	2·75	16	2·15	15	3·29	19	2·80	18	2·33	16	27·24	189	Durham.
2·45	—	2·38	—	2·08	—	2·95	—	2·68	—	2·37	—	25·71	163	Whitby.
2·60	14	2·80	16	2·32	14	3·18	19	2·87	18	2·36	17	27·27	188	Scarborough.
2·69	14	2·62	16	2·21	14	2·74	17	2·26	18	2·04	17	25·27	185	York.
2·47	14	2·84	15	2·20	14	3·03	18	2·34	18	2·17	16	25·77	184	Hull.
1·90	13	1·96	14	1·79	13	2·30	16	1·96	17	1·76	15	19·56	168	Spurn Head (1880).
2·60	—	3·22	—	2·68	—	3·30	—	2·38	—	2·08	—	27·35	—	Tealby (1892).
2·37	12	2·57	13	2·01	11	2·49	15	2·02	14	1·86	13	23·34	150	Lincoln.
2·43	14	2·63	14	2·06	13	2·47	17	2·04	17	1·86	17	23·67	178	Fulbeck.
2·57	—	2·65	—	2·35	—	2·72	—	2·29	—	2·03	—	25·66	—	Rauceby (1881).
2·95	14	2·90	14	2·52	14	2·91	19	2·67	18	2·27	20	27·49	191	Hillington.
2·65	14	2·43	14	2·41	14	2·91	18	2·70	18	2·11	18	25·32	185	Yarmouth.
2·48	13	2·32	13	2·29	13	2·70	16	2·55	16	1·99	16	23·65	167	Lowestoft.
2·47	13	2·18	14	2·31	14	2·71	18	2·54	19	1·99	18	23·77	182	Geldeston.
2·47	14	2·39	14	2·00	12	2·35	16	2·06	15	1·62	15	22·66	167	Cambridge.
2·72	14	2·55	15	2·27	14	2·77	19	2·52	18	2·17	17	26·00	188	Bennington.
2·58	—	2·19	—	2·23	—	2·48	—	2·34	—	1·97	—	24·33	—	Dunmow.
2·63	14	2·59	16	2·40	15	3·07	18	2·76	19	2·38	19	27·86	196	Rothamsted.
2·50	14	2·57	15	2·37	14	3·14	17	2·92	16	2·54	17	28·47	177	Berkhamsted.
2·44	12	2·36	12	2·24	11	2·69	14	2·40	13	2·24	14	25·51	149	Barnet (1881).
1·81	10	1·75	11	1·90	10	2·26	14	2·13	14	1·64	13	19·56	140	Shoeburyness.
2·12	—	1·94	—	2·00	—	2·44	—	2·11	—	1·61	—	21·32	—	Southend-on-Sea (1881).
2·76	15	2·83	17	2·48	15	3·32	18	2·69	19	2·48	17	29·45	194	Harrogate.
2·76	13	2·57	15	2·10	12	2·98	16	2·19	16	2·19	15	26·38	166	Wakefield.
2·56	14	2·49	15	2·00	13	2·60	16	2·03	16	1·92	15	23·85	169	Bawtry.
2·70	14	2·93	15	2·58	14	3·65	18	3·03	17	3·06	16	32·56	181	Sheffield.
4·12	16	4·66	18	4·17	16	5·39	20	4·97	20	5·13	19	50·59	209	Buxton.

TABLE II. (*continued*).—SHOWING the AVERAGE RAINFALL and the AVERAGE NUMBER of RAIN-DAYS for EACH MONTH and

DISTRICTS.	STATIONS.	Height above M.S.L.	RAINFALL AND RAIN-DAYS.											
			January.		February.		March		April.		May.		June.	
			Total.	Days.	Total.	Days.	Total.	Days.	Total.	Days.	Total.	Days.	Total.	Days.
		Feet.	Ins.		Ins.		Ins.		Ins.		Ins.		Ins.	
4. MIDLAND COS. *cont.*	Nottingham	82	1·85	19	1·62	17	1·53	18	1·67	16	1·92	15	2·17	14
	Belvoir Castle ..	239	1·75	17	1·72	16	1·58	17	1·81	16	1·98	15	2·00	14
	Cheadle	646	2·59	18	2·24	16	2·22	16	2·05	14	2·21	14	2·79	13
	Colly Weston ..	281	1·67	19	1·67	14	1·48	15	1·59	15	2·00	15	1·97	13
	Birmingham (Edgbaston).	535	2·04	15	1·76	14	1·70	14	1·87	14	2·23	12	2·47	13
	Coventry	270	2·03	14	1·76	13	1·57	15	1·71	15	1·98	14	2·15	14
	Hereford	291	2·30	16	2·02	13	1·66	14	1·75	14	2·04	13	2·22	13
	Cheltenham	184	2·23	18	2·08	15	1·77	15	1·94	14	1·95	14	2·24	13
	Oxford	208	1·94	16	1·70	14	1·49	13	1·62	14	1·82	13	2·28	12
	Cirencester	446	2·52	16	2·27	13	2·01	14	1·97	13	2·08	13	2·39	13
LONDON ..	Camden Square ..	110	1·87	16	1·63	14	1·66	13	1·68	13	1·75	13	2·29	12
	Brixton	77	1·82	16	1·59	14	1·54	13	1·65	13	1·69	12	2·21	12
	Kew	18	1·79	16	1·55	13	1·51	13	1·62	13	1·73	12	2·22	13
	Norwood	220	1·85	17	1·65	14	1·57	13	1·68	13	1·72	12	2·37	13
5. ENGLAND, S.	Margate	83	1·73	16	1·38	13	1·43	14	1·46	13	1·60	11	1·89	11
	Salisbury	180	3·04	18	2·57	15	2·17	15	2·22	14	1·97	12	2·27	13
	Swarraton	310	2·80	16	2·41	13	2·18	14	1·93	12	1·99	11	2·27	12
	Marlborough	424	2·80	18	2·36	15	2·22	15	2·13	14	1·98	14	2·46	14
	Shaftesbury	722	2·78	17	2·46	14	2·18	14	2·44	14	2·10	12	2·37	13
	Tunbridge Wells ..	421	2·56	18	2·14	16	2·04	15	1·85	13	1·81	12	2·29	13
	Folkestone	—	2·39	15	1·93	12	1·83	13	1·82	14	1·70	12	1·93	10
	Dungeness	21	1·85	17	1·32	15	1·38	14	1·38	13	1·23	12	1·53	11
	Southampton ..	78	2·80	16	2·28	14	2·06	14	1·98	14	1·91	12	2·09	13
	Hastings	178	2·50	19	2·05	17	1·95	15	1·82	14	1·60	12	1·89	13
	Portsmouth	11	2·49	15	2·02	14	1·74	14	1·65	14	1·56	11	1·91	12
	Brighton	31	2·48	16	1·99	14	1·72	14	1·69	13	1·59	11	1·96	11
	Worthing	33	2·46	16	1·99	13	1·67	13	1·60	13	1·51	10	1·89	11
	Eastbourne	39	2·73	18	2·24	15	2·04	13	1·87	13	1·60	12	1·96	12
	Totland Bay	84	2·37	—	2·07	—	1·74	—	1·75	—	1·69	—	2·01	—
	Ventnor	80	2·79	16	2·20	14	1·87	14	1·85	13	1·58	12	1·90	11
6. SCOTLAND, W. AND ISLE OF MAN.	*Laudale*	14	8·33	23	6·70	19	6·64	22	4·14	16	3·78	17	3·98	16
	Glasgow	180	3·62	19	2·79	16	2·60	17	2·05	14	2·42	15	2·83	15
	Dumfries	70	4·00	18	3·26	15	2·84	15	2·27	13	2·41	14	2·48	13
	Cally	120	4·65	18	4·12	15	3·57	15	2·80	13	2·94	13	3·13	13
	Douglas (Cronkbourne).	137	4·00	19	3·19	16	2·76	17	2·40	16	2·32	14	2·53	13
7. ENGLAND, N.W. AND NORTH WALES.	Carlisle	111	2·49	17	1·97	14	2·04	15	1·82	14	2·08	14	2·38	13
	Aspatria	250	2·89	—	2·25	—	2·79	—	2·03	—	2·31	—	2·47	—
	Newton Rigg ..	559	3·36	19	2·91	16	2·47	17	2·06	17	2·19	16	2·04	13
	Blackpool	66	2·76	17	2·21	16	2·23	15	1·80	13	2·03	13	2·22	13
	Stonyhurst	375	4·09	19	3·18	17	3·52	17	2·48	15	2·68	15	3·18	14
	Southport	37	2·70	—	2·06	—	2·17	—	1·72	—	2·10	—	2·16	—
	Prestwich	320	3·09	18	2·25	16	2·54	17	2·06	14	2·39	15	2·87	14
	Manchester (City) ..	190	2·89	17	2·20	16	2·43	15	1·91	14	2·32	14	2·87	14
	Liverpool (Bidston)	188	2·14	17	1·73	15	1·78	15	1·57	14	1·88	14	2·17	13
	Holyhead	48	3·09	19	2·42	16	2·41	17	1·96	15	1·82	13	2·19	14
	Rhyl	30	1·73	—	1·50	—	1·65	—	1·39	—	1·62	—	1·83	—
	Llandudno	71	2·62	17	2·07	15	2·05	15	1·78	13	1·84	12	1·97	13
	Chester (Hawarden Bridge).	22	1·70	15	1·45	13	1·47	14	1·19	11	1·51	13	1·88	12

for the WHOLE YEAR, at STATIONS in the BRITISH ISLES, derived from Observations extending over the 35 Years 1871 to 1905.

RAINFALL AND RAIN-DAYS.														STATIONS.
July.		August.		September.		October.		November.		December.		Annual		
Total.	Days.	Total.	Days.	Total.	Days.	Total.	Days.	Total.	Days.	Total.	Days.	Total.	Days.	
Ins.		Ins.		Ins.		Ins.		Ins.		Ins.		Ins.		
2·60	16	2·61	17	2·14	16	2·60	20	1·99	20	2·09	20	24·79	208	Nottingham.
2·54	15	2·57	15	2·28	15	2·72	20	2·32	21	2·10	20	25·37	201	Belvoir Castle.
3·07	15	3·60	17	2·90	15	3·26	18	2·95	18	2·91	17	32·79	191	Cheadle.
2·55	14	2·42	15	2·29	13	2·69	18	2·39	17	2·03	18	24·75	186	Colly Weston (1885).
2·56	14	2·92	16	2·37	13	2·83	16	2·36	15	2·24	15	27·35	171	Birmingham (Edgbaston).
2·55	14	2·57	17	2·37	14	2·66	16	2·30	18	2·09	19	25·74	183	Coventry.
2·38	13	2·58	15	2·34	13	2·77	17	2·55	15	2·39	17	27·00	173	Hereford.
2·59	15	2·68	16	2·45	14	2·72	18	2·64	16	2·34	16	27·63	184	Cheltenham.
2·56	13	2·38	14	2·11	13	2·76	15	2·34	15	2·03	16	25·03	168	Oxford.
2·85	14	3·15	15	2·69	13	3·15	16	2·97	15	2·68	15	30·73	170	Cirencester.
2·57	13	2·39	14	2·17	12	2·74	15	2·36	15	2·05	15	25·16	165	Camden Square.
2·38	13	2·39	14	2·06	13	2·73	16	2·35	15	1·98	14	24·39	165	Brixton.
2·38	13	2·27	14	2·13	13	2·71	16	2·21	16	1·92	15	24·04	167	Kew.
2·53	13	2·36	15	2·11	14	2·72	17	2·40	16	1·97	16	24·93	173	Norwood (1878).
1·98	12	2·05	13	2·09	12	2·80	16	2·59	17	2·21	17	23·21	165	Margate.
2·50	14	2·71	15	2·46	14	3·56	18	3·44	17	3·32	19	32·23	184	Salisbury.
2·57	13	2·90	15	2·57	14	3·57	16	3·20	15	3·04	16	31·43	167	Swarraton (1880)
2·70	15	2·86	15	2·70	14	3·40	17	3·31	17	2·96	17	31·88	185	Marlborough.
2·84	14	2·95	15	2·92	14	3·70	16	3·56	17	3·19	18	33·49	178	Shaftesbury.
2·40	14	2·34	14	2·47	14	3·53	18	3·33	17	2·82	16	29·58	180	Tunbridge Wells.
2·18	12	2·44	12	2·47	12	3·30	16	3·24	15	2·77	16	28·00	159	Folkestone (1894).
1·67	12	1·98	13	2·30	14	3·24	16	2·65	17	2·24	16	22·77	170	Dungeness (1885).
2·58	13	2·76	15	2·56	13	3·63	17	3·20	16	3·05	16	30·90	173	Southampton.
2·21	12	2·47	14	2·63	14	3·72	18	3·33	19	2·85	17	29·07	184	Hastings.
2·25	12	2·28	14	2·54	13	3·40	17	3·16	16	2·55	16	27·55	168	Portsmouth.
2·11	12	2·38	13	2·39	12	3·53	16	3·13	16	2·61	16	27·58	164	Brighton.
2·07	11	2·31	12	2·45	12	3·45	15	3·14	15	2·42	16	26·96	157	Worthing.
2·31	12	2·57	13	2·87	14	3·97	19	3·55	18	3·18	16	30·89	175	Eastbourne.
2·37	—	2·38	—	2·48	—	3·66	—	3·05	—	2·56	—	28·13	—	Totland Bay (1889)
2·30	11	2·28	13	2·79	13	3·77	16	3·41	16	2·85	16	29·59	165	Ventnor.
5·13	22	5·99	22	7·22	21	7·67	22	8·13	21	9·48	23	77·19	244	*Laudale (1876-1905)*
3·35	17	4·06	18	3·58	17	3·74	18	3·70	18	3·99	20	38·73	204	Glasgow.
3·33	17	3·97	17	3·37	16	4·04	17	4·04	17	4·14	18	40·15	190	Dumfries.
3·73	15	4·73	17	4·13	15	5·00	16	5·31	17	5·23	18	49·34	185	Cally.
3·17	14	4·13	16	3·71	16	4·72	20	4·80	18	4·59	20	42·32	199	Douglas.
3·37	17	4·02	18	2·99	16	3·29	17	2·89	16	2·70	16	32·05	187	Carlisle.
3·98	—	4·45	—	3·89	—	4·05	—	4·11	—	3·81	—	39·03	194	Aspatria (1892).
3·17	17	3·48	18	3·07	16	3·89	18	3·70	18	3·72	17	36·06	202	Newton Rigg (1884-92 and 1900-05).
3·01	14	3·60	17	3·41	15	4·02	18	3·48	18	3·00	19	33·77	188	Blackpool.
4·19	17	5·25	19	4·16	17	4·97	19	4·38	19	4·43	20	46·81	208	Stonyhurst.
2·99	—	3·71	—	3·20	—	3·87	—	3·24	—	2·98	—	32·90	—	Southport.
3·59	17	3·88	18	3·59	16	3·93	18	3·36	18	3·42	19	36·97	200	Prestwich.
3·53	18	3·74	18	3·28	15	3·73	17	3·08	17	3·18	17	35·16	192	Manchester (City).
2·90	16	3·08	17	2·96	17	3·54	19	2·65	17	2·46	18	28·84	192	Liverpool.
2·59	15	3·23	16	2·96	16	4·33	20	4·14	19	3·80	20	34·94	200	Holyhead.
2·40	—	2·67	—	2·60	—	3·65	—	2·62	—	2·36	—	26·02	—	Rhyl (1881-1900 and 1896-1905).
2·56	14	3·03	16	2·76	16	3·93	19	3·35	18	2·87	18	30·83	186	Llandudno.
2·44	14	3·05	15	2·23	15	3·26	18	2·35	16	2·10	16	24·61	172	Chester (Hawarden Bridge) (1891).

TABLE II. (*continued*).—SHOWING the AVERAGE RAINFALL and the AVERAGE NUMBER of RAIN-DAYS for EACH MONTH and

DISTRICTS.	STATIONS.	Height above M.S.L.	RAINFALL AND RAIN-DAYS.											
			January.		February.		March.		April.		May.		June.	
			Total.	Days.	Total.	Days.	Total.	Days.	Total.	Days.	Total.	Days.	Total.	Days.
		Feet.	Ins.		Ins.		Ins.		Ins.		Ins.		Ins.	
8. SOUTH WALES AND ENGLAND, W.	*Llangammarch Wells*	550	4·62	20	3·75	18	5·09	21	3·41	17	2·31	15	2·60	14
	Pembroke (St Ann's Head).	149	3·54	20	2·64	17	2·28	17	2·03	15	1·83	13	2·06	13
	Clifton	229	3·03	17	2·47	14	2·36	14	2·26	13	2·14	12	2·35	12
	Bath	66	2·58	16	2·18	13	2·06	13	2·11	13	2·02	13	2·32	10
	Cardiff	50	3·83	18	3·14	16	2·90	15	2·46	14	2·43	13	2·58	13
	Woolacombe	59	2·53	17	2·43	15	1·95	15	1·92	13	1·59	12	1·89	12
	Arlington	613	4·48	19	3·96	17	3·71	18	2·99	15	2·78	15	3·18	15
	Barnstaple	24	3·40	18	2·88	15	2·49	15	2·16	14	2·06	12	2·28	13
	Cullompton	202	3·26	19	2·82	16	2·42	15	2·46	14	2·05	12	2·40	13
	Newquay	250	3·34	21	2·79	17	2·34	17	2·10	14	1·69	13	1·97	13
	Plymouth	116	3·57	19	2·79	15	2·50	15	2·34	14	1·85	12	2·24	13
	Falmouth	167	4·77	21	3·73	18	3·18	17	2·83	16	2·16	13	2·44	14
9. IRELAND, N. ..	*Malin Head*	230	2·64	22	2·12	19	2·22	20	1·86	18	2·08	17	2·09	15
	Donaghadee	40	2·68	20	2·25	17	2·01	18	1·94	15	2·21	15	2·28	15
	Edenfel	300	3·51	21	2·60	18	2·74	20	2·39	17	2·47	17	2·89	17
	Belfast	61	2·89	—	2·31	—	2·21	—	2·03	—	2·18	—	2·41	—
	Armagh	196	2·69	19	2·14	16	2·13	18	2·07	16	2·22	16	2·47	16
	Markree Castle ..	122	3·81	22	2·97	20	3·05	21	2·41	18	2·51	18	2·98	17
	Blacksod Point ..	37	4·94	26	3·56	21	3·83	23	2·89	20	2·69	18	2·63	16
10. IRELAND, S...	Dublin (Glasnevin)	67	2·28	15	1·99	14	2·05	14	1·94	14	2·01	13	2·08	13
	Dublin (Phœnix Park)	155	2·24	20	1·89	17	2·03	19	1·84	17	1·99	16	2·08	15
	Dublin (City) ..	47	2·21	18	2·01	15	1·91	17	1·94	16	1·97	15	1·99	15
	Birr Castle	175	2·89	20	2·14	17	2·39	17	2·10	15	2·19	15	2·47	15
	Kilkenny	212	3·39	19	2·56	17	2·17	15	2·20	16	2·06	15	2·47	14
	Foynes	108	3·66	19	3·01	17	2·81	16	2·44	15	2·23	13	2·35	14
	Waterford	20	4·12	19	3·38	16	2·73	15	2·63	15	2·10	14	2·82	13
	Killarney	174	6·25	21	4·99	19	4·67	18	3·37	17	2·96	15	2·83	15
	Valencia	30	5·96	24	4·95	21	4·24	20	3·87	19	2·96	16	3·59	17
	Roche's Point ..	32	4·95	20	4·08	17	3·07	15	3·10	15	2·52	14	3·20	13
11. ENGLISH CHANNEL	Scilly	131	3·39	21	2·66	18	2·29	18	2·12	16	1·61	13	1·87	14
	Guernsey (Fort Road)	295	3·59	20	2 77	18	2·43	17	2·45	15	1·91	12	2·14	12
	Jersey	25	3·12	19	2·48	17	2·29	16	2·13	14	1·91	12	2·06	12

or the WHOLE YEAR, at STATIONS in the BRITISH ISLES, derived from Observations extending over the 35 Years 1871 to 1905.

RAINFALL AND RAIN-DAYS.														STATIONS.
July.		August.		September.		October.		November.		December.		Annual.		
Total.	Days.	Total.	Days.	Total.	Days.	Total.	Days.	Total.	Days.	Total.	Days.	Total.	Days.	
Ins.		Ins.		Ins.		Ins.		Ins.		Ins.		Ins.		
2·08	12	4·62	19	3·62	18	5·19	20	3·86	17	5·18	22	46·33	213	*Llangammarch Wells (1896-1905).*
2·55	15	3·06	16	3·10	16	4·02	20	3·94	20	4·03	21	35·08	203	Pembroke.
3·03	13	3·57	15	3·06	14	3·80	15	3·27	16	3·26	15	34·60	170	Clifton.
2·67	13	2·87	14	2·74	12	3·05	15	2·95	15	2·92	13	30·47	160	Bath.
3·46	15	4·55	16	3·91	14	4·73	17	4·13	17	4·54	18	42·66	186	Cardiff.
2·88	14	3·10	16	3·03	15	4·05	19	3·17	18	3·45	18	31·99	184	Woolacombe (1896).
4·15	18	4·96	19	4·65	18	6·34	20	5·68	20	6·10	20	52·98	214	*Arlington (1876-1905).*
3·22	14	3·42	16	3·49	15	4·78	19	3·97	18	4·13	19	38·28	188	Barnstaple.
3·02	13	3·01	17	2·91	15	3·90	19	3·64	18	3·77	19	35·66	190	Cullompton
2·58	16	2·78	14	3·36	16	4·17	19	3·72	19	4·20	22	35·04	201	Newquay (1871-80 and 1893-05).
2·89	14	3·02	15	3·09	15	3·78	18	3·66	18	4·15	20	35·88	188	Plymouth.
3·04	16	3·49	17	3·76	17	5·13	20	5·14	20	5·76	22	45·43	211	Falmouth.
2·89	20	3·51	21	2·95	19	3·22	22	3·23	21	3·21	23	32·02	237	*Malin Head (1886-1905).*
2·97	18	3·45	19	2·84	17	2·97	19	3·20	19	2·96	20	31·76	212	Donaghadee.
3·42	20	4·17	20	3·52	19	3·73	21	3·67	21	3·55	21	38·96	232	Edenfel.
3·13	—	3·61	—	2·99	—	3·36	—	3·28	—	3·15	—	33·55	188	Belfast.
3·19	19	3·58	19	2·87	18	2·80	19	2·90	18	2·80	19	31·86	213	Armagh.
3·52	22	4·29	24	3·79	21	4·28	21	4·10	21	4·30	23	42·01	248	Markree Castle.
3·02	21	4·88	23	4·26	21	5·13	23	5·29	24	5·81	27	48·93	263	*Blacksod Point (1886-1905).*
2·75	16	3·45	17	2·33	13	2·86	16	2·78	15	2·29	16	28·81	176	Glasnevin (1875).
2·84	19	3·32	19	2·22	16	2·85	19	2·87	19	2·35	19	28·52	219	Dublin (Phœnix Park).
2·68	17	3·24	18	2·21	15	2·87	18	2·72	17	2·25	17	28·00	198	Dublin (City).
3·02	17	3·97	18	2·76	17	2·93	18	3·10	19	3·07	20	33·03	208	Birr Castle.
2·70	15	3·68	15	2·67	14	3·10	18	3·05	18	3·27	18	33·32	194	Kilkenny.
3·04	18	4·07	19	2·99	17	3·75	19	4·11	19	4·44	20	38·90	206	*Foynes (1881-1905)*
3·21	15	3·93	16	3·18	14	3·92	16	3·99	18	4·34	18	40·35	189	Waterford.
3·34	18	4·69	19	3·88	18	5·38	20	5·98	21	7·15	22	55·49	223	*Killarney (1881-1905).*
3·88	20	5·14	22	4·50	20	5·48	22	5·67	22	6·21	25	56·45	248	Valencia.
3·06	15	4·19	17	3·52	15	4·17	17	4·69	18	5·32	20	45·87	196	Roche's Point.
2·38	16	2·63	17	3·03	17	3·76	21	3·68	20	4·21	22	33·63	213	Scilly.
2·35	13	2·71	15	3·17	16	4·80	21	4·77	21	4·46	21	37·55	201	Guernsey (Fort Road).
2·30	13	2·54	15	2·92	16	4·52	20	4·10	20	3·84	20	34·21	194	Jersey.

TABLE III.—SHOWING the AVERAGE NUMBER of HOURS of BRIGHT SUNSHINE for each MONTH and for the WHOLE YEAR, from Records extending over

DISTRICT.	STATIONS.	No. of years ending 1905.	SUNSHINE. January. Hours.	January. Per cent.	February. Hours.	February. Per cent.	March. Hours.	March. Per cent.	April. Hours.	April. Per cent.	May. Hours.	May. Per cent.	June. Hours.	June. Per cent.
0. SCOTLAND, N.	Deerness	15	29	14	55	22	105	29	152	35	180	35	158	29
		25	27	13	54	21	104	29	149	35	179	35	154	28
	Stornoway	25	29	13	60	23	103	29	159	37	193	38	185	35
	Strathpeffer	16	37	16	64	25	105	29	143	34	170	34	155	29
		25	33	15	61	23	91	25	142	33	171	34	161	31
	Fort Augustus	18	19	8	45	17	80	22	115	27	137	27	141	27
		25	17	8	42	16	78	21	116	27	136	27	135	26
1. SCOTLAND, E.	Aberdeen	25	50	22	72	28	118	33	155	37	189	37	187	36
	Edinburgh	15	30	13	57	21	97	27	127	30	163	33	151	29
		25	31	13	56	21	93	26	122	29	164	33	152	29
	Marchmont	25	45	19	65	25	108	30	141	34	179	36	185	36
	Cockle Park (near Morpeth).	8	43	18	73	27	120	33	150	36	174	35	184	36
		25	50	21	74	28	126	35	141	34	186	38	180	35
2. ENGLAND, N.E.	Newcastle-on-Tyne	11	26	11	49	18	84	23	120	29	142	29	149	29
		25	27	11	48	18	90	25	108	26	145	29	142	28
	Durham	25	44	18	66	24	113	31	133	32	170	35	171	34
	Scarborough	7	40	16	64	24	114	31	149	36	184	38	177	35
		25	45	19	63	23	121	33	146	35	204	42	166	33
	York	25	30	12	57	21	102	28	136	33	178	36	176	35
3. ENGLAND, E.	Hillington	25	47	19	70	26	115	31	154	37	204	42	197	40
	Geldeston	25	54	21	74	27	126	34	161	39	218	45	209	42
	Lowestoft	6	54	22	72	26	122	34	171	42	208	43	211	43
		25	52	21	78	28	141	39	174	42	229	47	224	45
	Cambridge	25	51	20	74	27	123	34	160	39	202	42	199	40
	Rothamsted	15	52	21	73	26	118	32	160	39	195	41	196	40
		25	48	19	68	25	117	32	150	36	196	41	193	39
4. MIDLAND COS.	Harrogate	5	50	20	59	22	112	31	167	40	173	35	209	42
		25	50	20	68	25	128	35	154	37	185	38	197	39
	Worksop	25	36	15	57	21	101	28	132	32	170	35	165	33
	Birmingham	7	35	14	43	16	73	20	123	30	151	31	158	32
		25	29	12	43	16	80	22	124	30	157	32	157	32
	Oxford	25	48	19	66	24	113	31	151	37	195	41	193	39
	Sheffield	8	37	15	54	20	95	26	142	34	152	31	179	36
		25	38	16	56	21	104	29	141	34	167	34	165	33
	Cirencester	25	47	19	72	26	116	32	157	38	204	42	195	40
	Bath	6	48	19	63	23	95	26	146	35	202	42	185	38
		25	42	17	68	25	113	31	142	34	212	44	193	39
LONDON	Bunhill Row	25	15	6	31	11	70	19	118	29	175	37	177	36
	Westminster	23	19	7	34	12	68	19	114	28	163	34	168	35
		25	19	7	34	12	69	19	113	28	167	35	167	34
	Kew	25	42	17	56	20	106	29	149	36	201	42	196	40
5. ENGLAND, S.	Margate	14	50	20	74	27	126	35	165	40	199	42	193	39
		25	47	19	71	26	122	33	156	38	198	41	186	38
	Tunbridge Wells	13	50	20	74	27	126	35	167	41	208	44	203	42
		25	47	18	68	24	122	33	162	39	206	43	200	41
	Broadstairs	5	63	24	78	28	114	31	165	40	226	47	209	43
		25	57	22	87	31	129	35	165	40	226	47	205	42
	Hastings	25	61	23	82	29	137	37	173	42	235	49	229	47
	Eastbourne	20	61	23	80	29	130	36	173	42	227	48	225	46
		25	56	22	75	27	135	37	172	42	228	48	222	46
	Brighton	16	59	23	83	30	133	36	173	42	233	49	224	46
		25	53	21	76	27	133	36	171	42	221	46	223	46
	Littlestone-on-Sea	6	55	21	69	25	114	31	174	43	216	45	213	44
		25	53	21	79	28	133	36	174	42	224	47	217	45
	Worthing	7	63	24	81	29	129	35	169	41	236	50	235	48
		25	57	22	82	29	139	38	169	41	238	50	230	48
	Southampton	25	52	20	75	27	126	35	168	41	219	46	212	43
	Ventnor	16	58	22	80	29	125	34	173	42	215	45	198	41
		25	58	22	80	29	143	39	181	44	228	48	196	40
	Marlborough	25	42	17	59	21	105	29	142	34	186	39	182	37

For explanation of the two rows of figures entered against some stations, *see* Explanatory Note, p. cxxi.

together with the PERCENTAGES of the POSSIBLE DURATION, in each instance, at STATIONS in the BRITISH ISLES, derived the 25 Years 1881–1905.

SUNSHINE.														
July.		August.		September.		October.		November.		December.		Annuals.		STATIONS.
Hours.	Per cent.	Hours.	Per cent.	Hours.	Per cent.	Hours.	Per cent.	Hours.	Per cent.	Hours.	Per cent.	Hours.	Per cent.	
134	25	127	27	111	29	82	27	38	17	21	11	1192	27	Deerness.
139	26	119	25	109	29	81	26	38	17	25	13	1178	27	
144	27	134	29	114	30	84	27	42	18	24	12	1271	29	Stornoway.
131	25	125	27	111	29	86	27	45	19	27	13	1199	27	Strathpeffer.
130	25	122	26	116	31	89	29	43	18	29	15	1188	27	
105	20	97	21	88	23	62	20	24	10	12	6	925	21	Fort Augustus.
100	19	90	19	82	22	62	20	21	9	10	5	889	20	
163	31	153	33	123	33	99	31	55	23	37	18	1401	32	Aberdeen.
146	28	141	31	106	28	83	26	40	17	20	9	1164	26	Edinburgh.
144	28	146	32	102	27	81	26	44	18	21	10	1156	26	
171	33	148	32	117	31	86	27	51	21	35	17	1331	30	Marchmont.
188	37	168	37	138	37	100	31	66	27	41	19	1445	33	Cockle Park (near Morpeth)
177	35	161	35	132	35	99	31	61	25	46	21	1433	32	
157	31	135	30	108	29	74	23	34	14	22	10	1100	25	Newcastle-on-Tyne.
146	29	133	29	99	26	70	22	34	14	24	11	1066	24	
168	33	150	33	118	31	89	28	53	22	42	19	1317	30	Durham.
191	38	173	38	137	36	94	29	55	22	29	13	1407	32	Scarborough.
180	36	163	36	130	35	96	30	49	20	30	13	1393	32	
178	35	151	33	120	32	84	26	39	16	25	11	1276	29	York.
201	40	179	40	139	37	97	30	55	22	41	18	1499	34	Hillington.
213	43	191	43	155	42	109	34	63	25	48	21	1621	37	Geldeston.
253	51	207	46	169	45	104	32	69	27	42	18	1682	38	Lowestoft.
230	46	211	47	169	45	114	35	65	25	45	19	1732	39	
208	42	189	42	149	40	105	33	60	23	40	17	1560	35	Cambridge.
217	44	196	44	154	41	105	32	58	23	43	18	1567	36	Rothamsted.
215	44	191	43	146	39	107	33	60	23	42	18	1533	35	
206	41	182	40	137	36	95	30	67	27	45	20	1502	34	Harrogate.
196	39	167	37	129	34	99	31	56	22	46	20	1475	33	
166	33	147	33	119	32	83	26	46	18	30	13	1252	28	Worksop.
181	37	166	37	113	30	76	24	39	15	25	11	1183	27	Birmingham.
161	32	161	36	106	28	77	24	41	16	29	12	1165	26	
203	41	185	42	145	39	101	31	57	22	41	17	1498	34	Oxford.
206	41	163	36	123	33	83	26	44	18	33	14	1311	30	Sheffield.
187	37	153	34	117	31	86	27	44	17	37	16	1295	29	
199	40	182	41	139	37	101	31	57	22	39	16	1508	34	Cirencester.
222	45	189	42	139	37	93	29	54	21	31	13	1467	33	Bath.
203	41	193	43	133	36	96	30	54	21	35	15	1484	34	
184	37	164	37	113	30	64	20	22	8	7	3	1140	26	Bunhill Row.
179	37	170	38	125	33	69	21	25	10	13	5	1147	26	Westminster.
181	37	168	38	117	31	69	21	27	10	13	5	1144	26	
208	42	188	42	141	38	94	29	50	19	36	15	1467	33	Kew.
218	44	197	44	157	42	104	32	60	23	45	19	1588	36	Margate.
207	42	190	43	150	40	106	33	61	23	46	19	1540	35	
228	46	206	46	167	45	106	33	68	26	44	18	1647	37	Tunbridge Wells.
211	43	196	44	157	42	109	34	68	26	42	18	1588	36	
253	52	212	48	169	45	103	32	68	26	46	19	1706	39	Broadstairs.
225	46	206	46	171	46	115	35	60	23	55	23	1701	39	
240	49	213	48	167	45	119	37	71	27	56	23	1783	40	Hastings.
242	49	210	47	172	46	117	36	67	26	54	22	1758	40	Eastbourne.
240	49	208	47	167	45	117	36	66	25	53	22	1739	39	
239	49	218	49	171	46	117	36	73	28	50	20	1773	40	Brighton.
235	48	217	49	165	44	120	37	68	26	49	20	1731	39	
259	53	205	46	169	45	105	32	65	25	38	16	1682	38	Littlestone-on-Sea.
231	47	201	45	164	45	114	35	60	23	45	19	1647	39	
270	55	243	53	181	49	123	38	76	29	49	20	1845	42	Worthing.
235	48	217	49	171	46	124	38	71	27	59	24	1792	41	
224	46	208	47	159	43	112	35	63	24	47	19	1665	38	Southampton.
232	48	211	48	174	47	121	37	66	25	50	21	1703	39	Ventnor.
221	45	207	47	171	46	122	37	68	26	48	20	1723	39	
190	39	178	40	130	35	96	30	51	20	35	15	1396	32	Marlborough.

TABLE III. (*continued*).—SHOWING the AVERAGE NUMBER of HOURS of BRIGHT SUNSHINE for each MONTH and for the WHOLE from Records extending over

DISTRICT.	STATIONS.	No. of years ending 1905.	SUNSHINE.											
			January.		February.		March.		April.		May.		June.	
			Hours.	Per cent.	Hours.	Per cent.	Hours.	Per cent.	Hours.	Per cent.	Hours.	Per cent.	Hours.	Per cent.
6. SCOTLAND, W. AND ISLE OF MAN.	Glasgow	25	23	10	43	16	84	23	128	30	165	33	165	32
	Douglas	25	49	20	69	26	133	37	180	43	226	46	220	44
7. ENGLAND, N.W. AND NORTH WALES.	Newton Rigg ..	16	38	16	61	23	108	30	153	37	182	37	211	41
		25	40	17	60	22	110	30	150	36	198	40	209	41
	Stonyhurst	25	34	14	58	22	106	29	150	36	195	40	196	39
	Blackpool	24	36	15	63	23	108	30	154	37	199	41	200	40
		25	38	15	63	23	108	30	154	37	203	41	199	40
	Southport*	15	43	18	69	26	125	34	179	43	213	44	220	44
		25	41	17	65	24	111	31	163	39	213	44	207	41
	Prestwich	12	21	9	39	14	84	23	130	31	179	37	176	35
		25	21	9	40	15	83	23	126	30	172	35	169	34
	Hoylake	8	41	17	69	25	109	30	150	36	191	39	203	41
		25	37	15	66	24	95	26	141	34	181	37	186	37
	Llandudno	25	48	19	70	26	111	31	156	38	206	42	204	41
	Rhyl	5	61	25	71	26	135	37	184	44	225	46	215	43
		25	54	22	76	27	130	36	167	40	207	43	196	39
8. SOUTH WALES AND ENGLAND, S.W.	Pembroke	25	54	21	75	27	131	36	177	43	223	46	226	46
	Tenby	7†	62	25	76	28	157	43	197	48	231	48	239	49
		25	58	23	79	29	139	38	183	45	224	47	229	47
	Woolacombe	10	52	20	71	26	118	32	157	38	224	47	213	44
		25	52	20	79	29	131	36	170	41	214	45	226	46
	Cullompton	25	45	17	69	25	121	33	153	37	201	42	197	40
	Torquay	10‡	63	24	79	28	143	39	180	44	225	47	236	49
		25	59	23	75	27	140	38	175	43	228	48	231	48
	Newquay	14	58	22	79	28	138	38	174	42	236	50	220	45
		25	53	20	79	28	134	37	170	41	221	46	220	45
	Plymouth	25	51	19	77	28	132	36	170	41	221	47	212	44
	Falmouth	25	57	22	83	30	138	38	179	44	236	50	227	47
9. IRELAND, N.	Armagh	25	45	19	61	23	104	29	144	34	187	38	172	34
	Markree	25	42	18	62	23	105	29	146	35	189	38	170	34
10. IRELAND, S.	Dublin (Phœnix Park).	25	58	24	71	26	124	34	162	39	212	44	196	39
	Birr Castle	25	51	21	65	24	111	30	152	37	187	38	169	34
	Valencia .. .	25	51	20	72	26	126	35	158	38	212	44	193	40
11. ENGLISH CHANNEL	Guernsey (Fort Road)	11§	50	19	84	30	143	39	196	48	253	54	258	54
		25	54	20	86	30	146	40	196	48	262	56	252	53
	Guernsey (Villa Carey).	14‖	51	19	92	33	149	41	201	49	257	55	255	53
		25	52	20	87	31	147	40	193	47	258	55	248	52
	Scilly	12	61	23	82	29	135	37	170	41	257	54	226	47
		25	59	23	86	31	141	39	178	43	238	50	244	51
	Jersey	25	67	25	92	33	149	41	189	46	250	53	241	50

* A Jordan photographic recorder was in use up to 1891, but the averages for 15 years quoted above have been computed by the observer after a careful comparison
† 1892-1898, Jordan recorder. ‡ 1889-1898, Jordan recorder. § 11 years, 1894-1904, Jordan recorder. ‖ 14 years, 1891-1904, Jordan recorder.

YEAR, together with the PERCENTAGES of the POSSIBLE DURATION, in each instance, at STATIONS in the BRITISH ISLES, derived the 25 Years 1881–1905.

SUNSHINE.														STATIONS.
July.		August.		September.		October.		November.		December.		Annuals.		
Hours.	Per cent.	Hours.	Per cent.	Hours.	Per cent.	Hours.	Per cent.	Hours.	Per cent.	Hours.	Per cent.	Hours.	Per cent.	
144	28	132	29	100	27	70	22	26	11	15	7	1095	25	Glasgow.
199	39	175	39	144	38	103	32	61	24	41	18	1600	36	Douglas.
178	35	152	33	124	33	82	26	49	20	35	16	1373	31	Newton Rigg.
178	35	152	33	123	33	84	26	49	20	33	15	1386	31	
179	36	152	34	127	34	88	27	45	18	26	11	1356	31	Stonyhurst.
190	38	165	36	128	34	91	28	47	19	28	12	1409	32	Blackpool.
188	37	163	36	127	34	92	29	47	19	27	12	1409	32	
212	42	180	40	142	38	95	30	49	20	32	14	1559	35	Southport.
199	40	171	38	131	35	89	28	47	19	29	13	1466	33	
178	35	141	31	116	31	66	21	32	13	15	7	1177	27	Prestwich.
164	33	137	30	111	30	65	20	30	12	16	7	1134	26	
203	41	183	40	134	36	85	26	56	22	41	18	1465	33	Hoylake.
182	37	159	35	113	30	77	24	49	19	34	15	1320	30	
185	37	167	37	129	35	88	27	55	22	37	16	1456	33	Llandudno.
216	43	203	45	160	43	94	29	69	27	59	26	1692	38	Rhyl.
194	39	183	41	138	37	92	29	57	23	47	21	1541	35	
206	42	193	43	149	40	103	32	63	24	42	18	1642	37	Pembroke.
211	43	175	39	157	42	107	33	68	26	49	21	1729	39	Tenby.
209	42	196	44	152	41	108	33	64	25	45	19	1686	38	
212	43	192	43	150	40	102	31	73	28	45	19	1609	37	Woolacombe.
203	41	184	41	147	39	102	31	67	26	51	21	1626	37	
188	39	182	41	143	38	95	29	56	21	38	15	1488	34	Cullompton.
208	43	107	44	165	44	111	34	61	23	53	22	1721	39	Torquay.
223	46	210	47	161	43	110	34	66	25	53	22	1731	39	
217	45	208	47	165	44	111	34	76	29	49	20	1731	39	Newquay.
214	44	205	46	156	42	111	34	75	28	49	20	1687	38	
211	43	197	44	155	42	108	33	66	25	50	20	1650	37	Plymouth.
228	47	213	48	160	43	117	36	73	28	55	23	1766	40	Falmouth.
143	28	130	29	118	32	91	28	57	23	38	17	1290	29	Armagh.
129	26	129	28	109	29	88	27	54	22	34	15	1257	28	Markree.
169	33	164	36	143	38	109	34	70	28	52	23	1530	35	Dublin (Phœnix Park).
139	28	143	32	128	34	98	30	63	25	44	19	1350	31	Birr Castle.
153	31	153	34	130	35	103	32	65	25	41	17	1457	33	Valencia.
284	59	245	56	190	51	111	34	70	26	43	17	1927	44	Guernsey (Fort Road).
266	55	247	56	178	48	112	34	61	23	46	19	1906	43	
272	56	247	56	186	50	118	36	66	25	45	18	1939	44	Guernsey (Villa Carey).
256	53	242	55	176	47	115	35	62	23	44	18	1880	43	
224	46	222	50	178	48	113	35	80	30	50	20	1798	41	Scilly.
218	45	228	52	170	45	115	35	76	28	58	23	1811	41	
250	52	243	55	182	49	126	38	76	28	62	25	1927	44	Jersey.

of the records of the two types of instrument, and may be regarded as comparable with records from Campbell-Stokes instruments for a similar period.